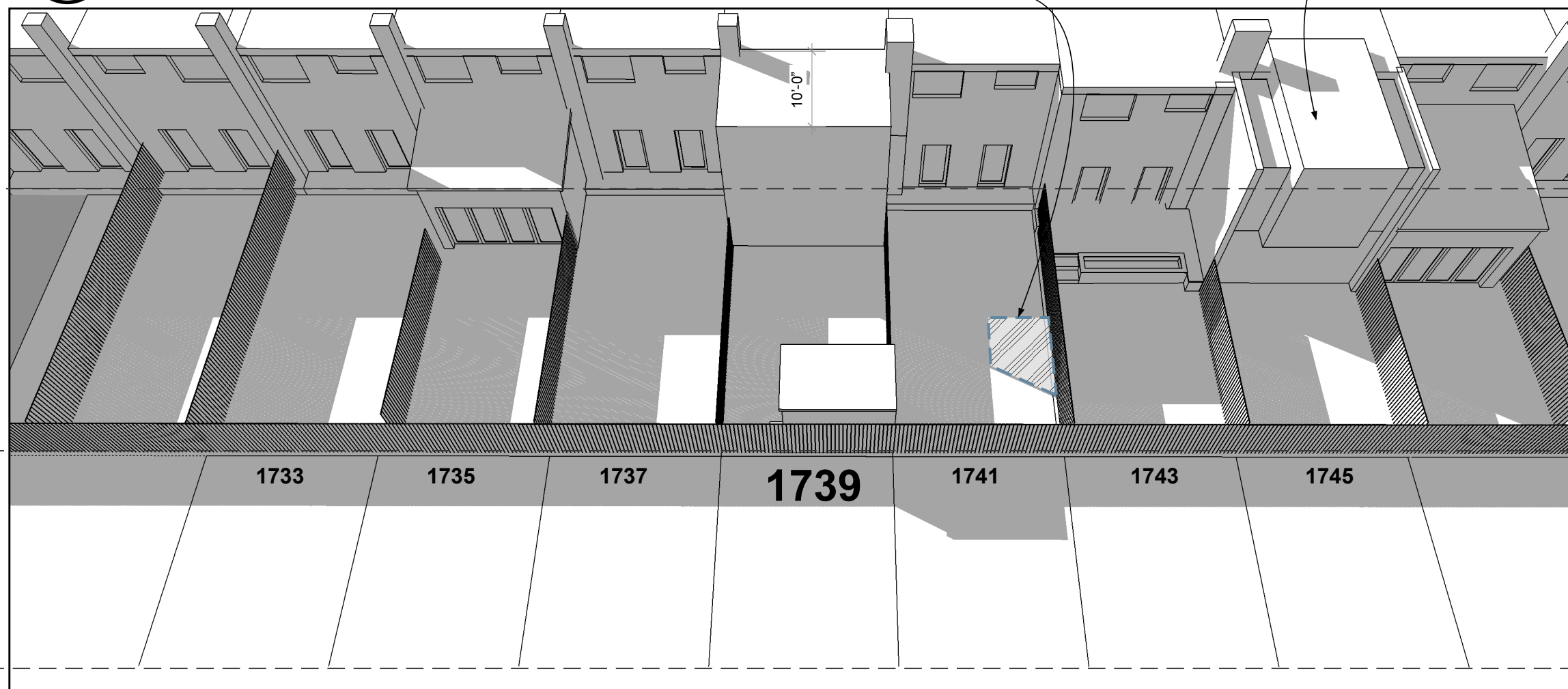
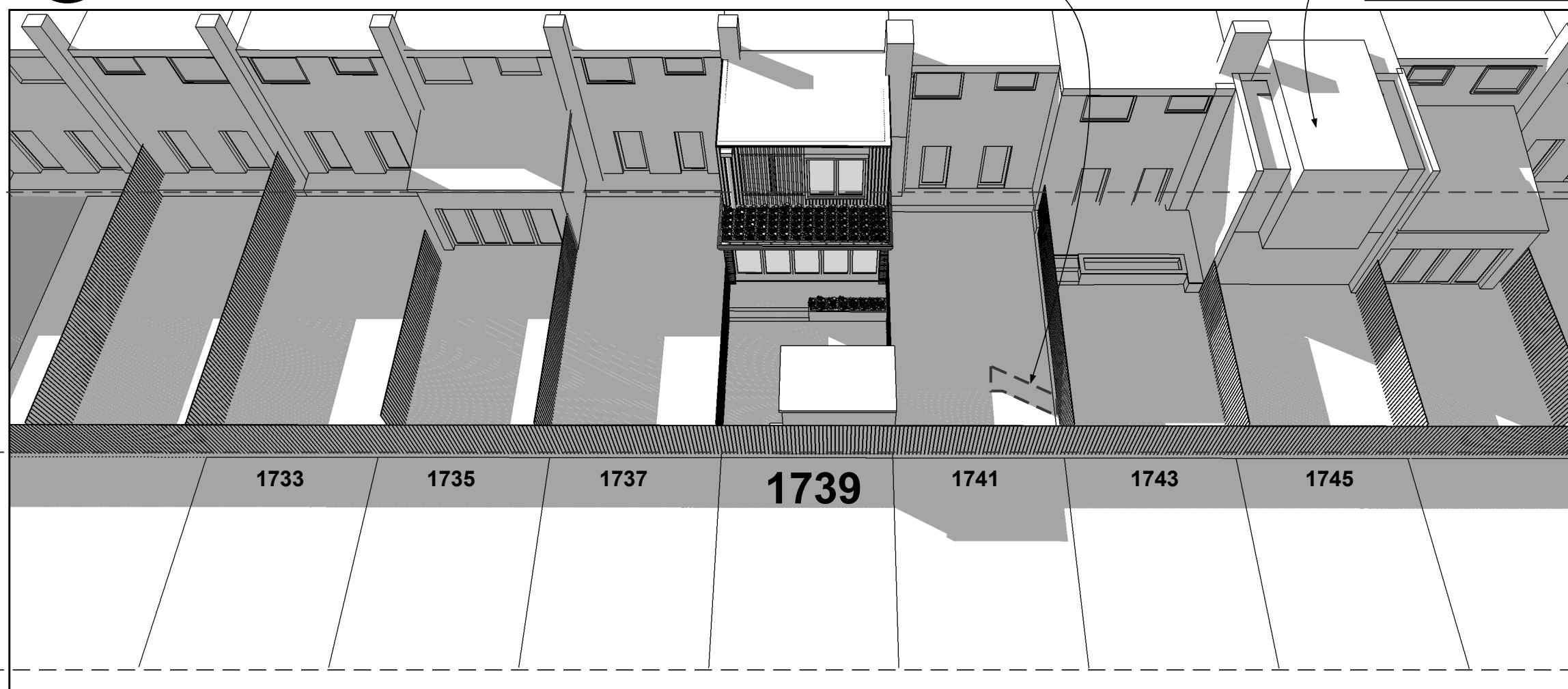


**1 EXISTING CONDITION SHADOW STUDY - SEPT 21 @ 9 AM**  
 A0012 NTS  
 AREA AFFECTED BY 10'-0" ADDITION: 9% OF REAR YARD GROSS SQUARE FOOTAGE  
 PROPOSED ADDITION SHOWN FOR REFERENCE ONLY



**2 10'-0" ADDITION SHADOW STUDY - SEPT 22 @ 9 AM**  
 A0012 NTS  
 AREA AFFECTED BY PROPOSED ADDITION: 2% OF REAR YARD GROSS SQUARE FOOTAGE  
 PROPOSED ADDITION SHOWN FOR REFERENCE ONLY



**3 PROPOSED ADDITION SHADOW STUDY - SEPT 22 @ 9 AM**  
 A0012 NTS



**4 COMPARISON OF SHADOW OVERLAYS - SEPT 22 @ 9 AM**  
 A0012 NTS

DRAWINGS 3 & 4 ON THIS SHEET REPRESENT A 14'-0" FIRST FLOOR ADDITION AND A 12'-0" SECOND FLOOR ADDITION.  
 SEE SHEET A0002 FOR AN UPDATED PROPOSAL OF A 13'-0" FIRST FLOOR ADDITION AND A 11'-0" SECOND FLOOR ADDITION



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**SHADOW STUDY**  
 SEPT 22 9 AM

**ISSUE**  
 09/25/17 DESIGN REVIEW  
 09/26/17 SHADOW STUDY REV. 1  
 09/30/17 SHADOW STUDY REV. 2  
 10/07/17 DESIGN UPDATE

**A0012**



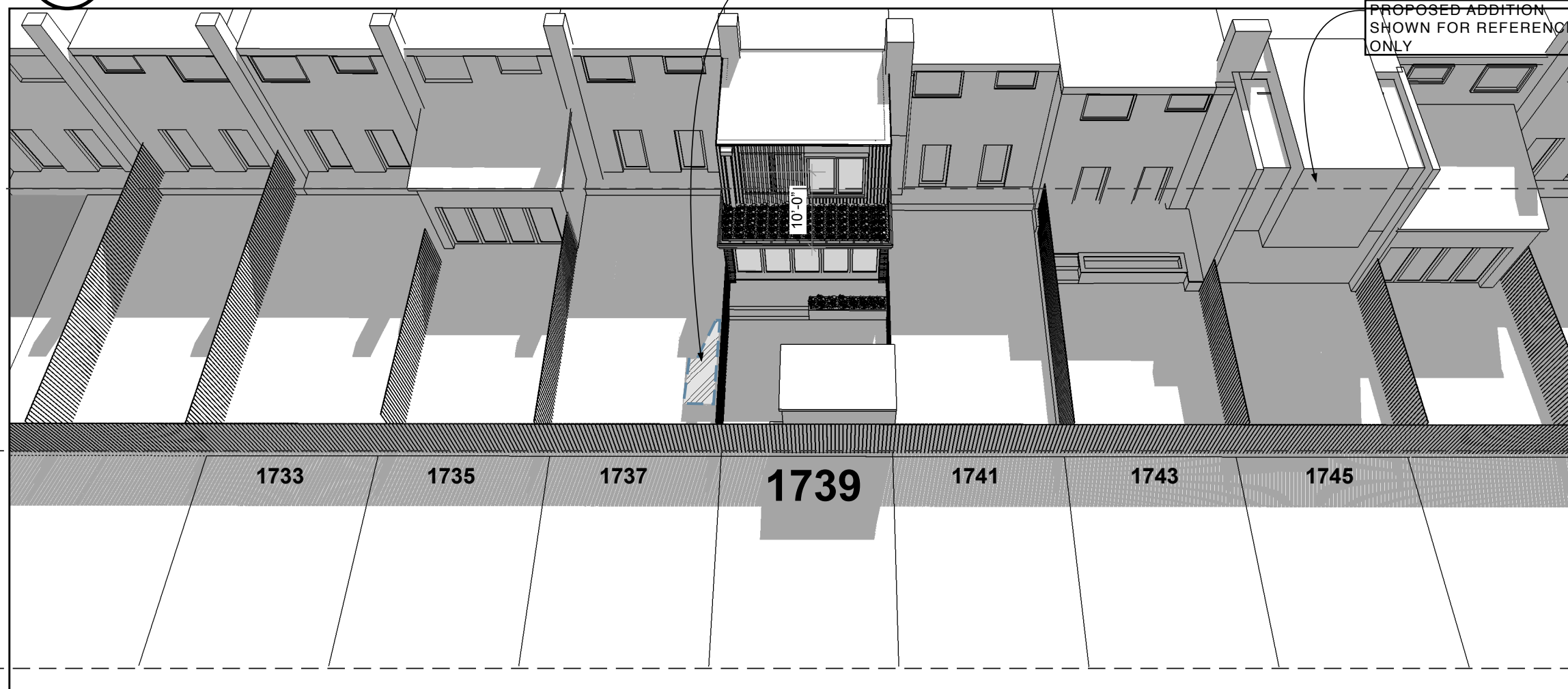
**REAR YARD**  
(AREA INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

**REAR PARKING AREA**  
(AREA NOT INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

1 **EXISTING CONDITION SHADOW STUDY - SEPT 22 @ 1 PM**  
A0013 NTS

AREA AFFECTED BY 10'-0" ADDITION: 4% OF REAR YARD GROSS SQUARE FOOTAGE

PROPOSED ADDITION SHOWN FOR REFERENCE ONLY



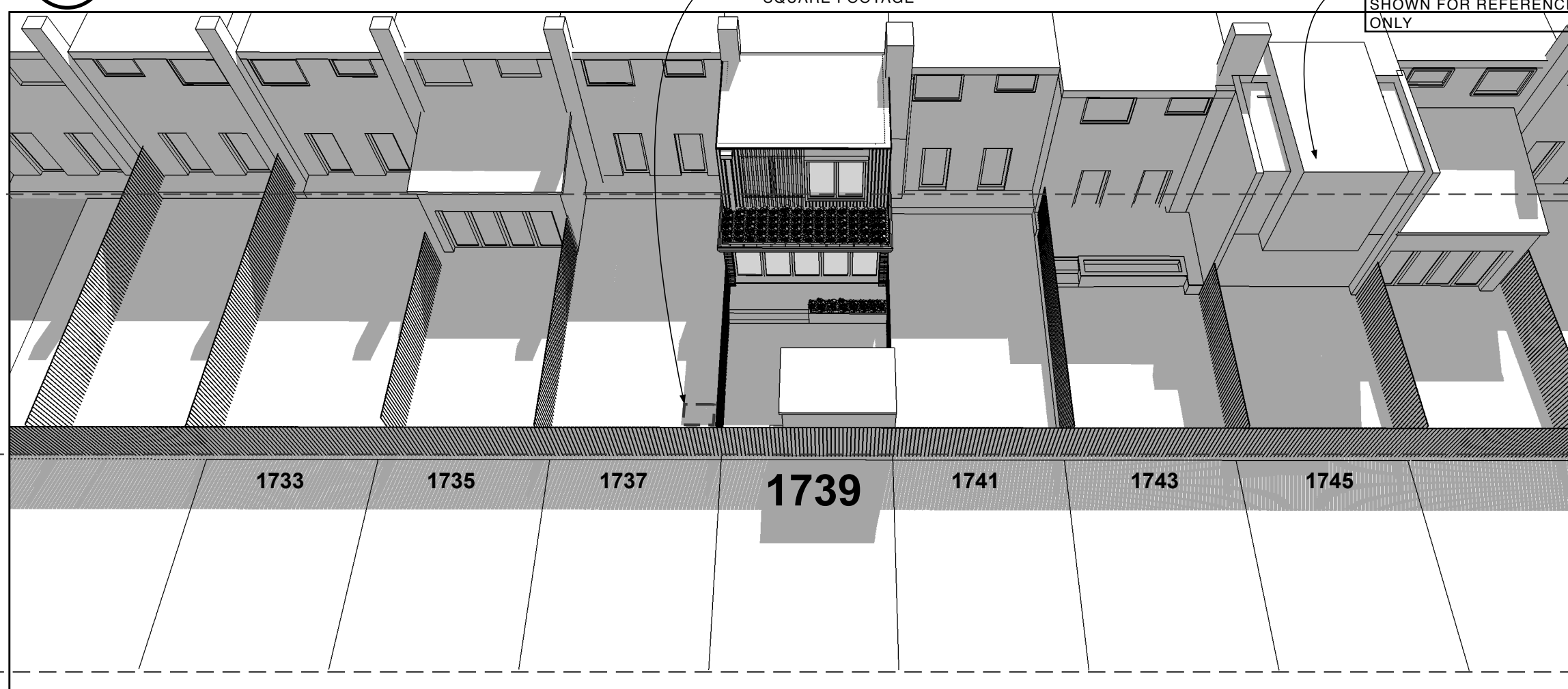
**REAR YARD**  
(AREA INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

**REAR PARKING AREA**  
(AREA NOT INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

2 **10'-0" ADDITION SHADOW STUDY - SEPT 22 @ 1 PM**  
A0013 NTS

AREA AFFECTED BY PROPOSED ADDITION: .8% OF REAR YARD GROSS SQUARE FOOTAGE

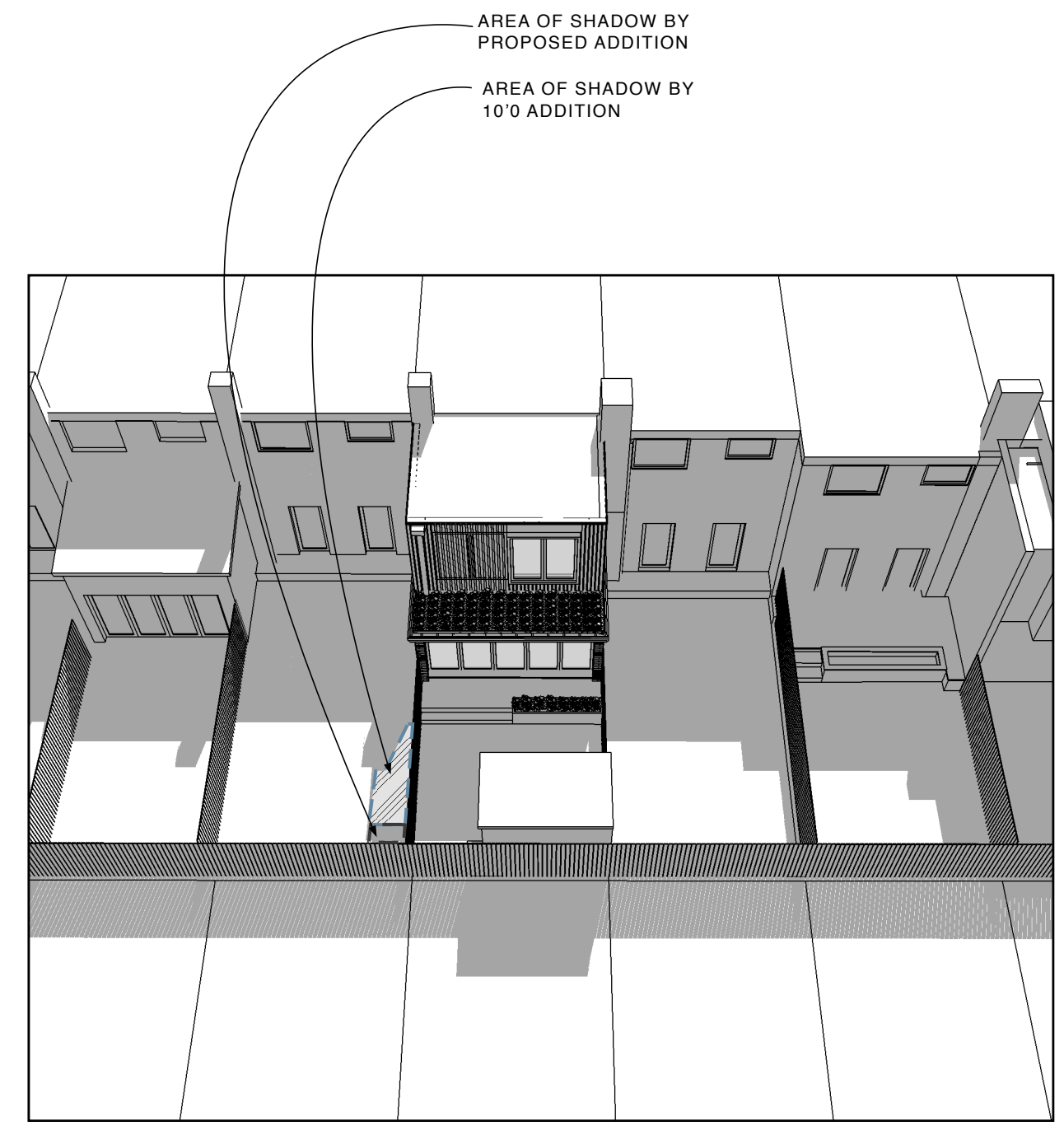
PROPOSED ADDITION SHOWN FOR REFERENCE ONLY



**REAR YARD**  
(AREA INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

**REAR PARKING AREA**  
(AREA NOT INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

3 **PROPOSED ADDITION SHADOW STUDY - SEPT 22 @ 1 PM**  
A0013 NTS



AREA OF SHADOW BY PROPOSED ADDITION

AREA OF SHADOW BY 10'0 ADDITION

4 **COMPARISON OF SHADOW OVERLAYS - SEPT 22 @ 1 PM**  
A0013 NTS

DRAWINGS 3 & 4 ON THIS SHEET REPRESENT A 14'-0" FIRST FLOOR ADDITION AND A 12'-0" SECOND FLOOR ADDITION.

SEE SHEET A0002 FOR AN UPDATED PROPOSAL OF A 13'-0" FIRST FLOOR ADDITION AND A 11'-0" SECOND FLOOR ADDITION



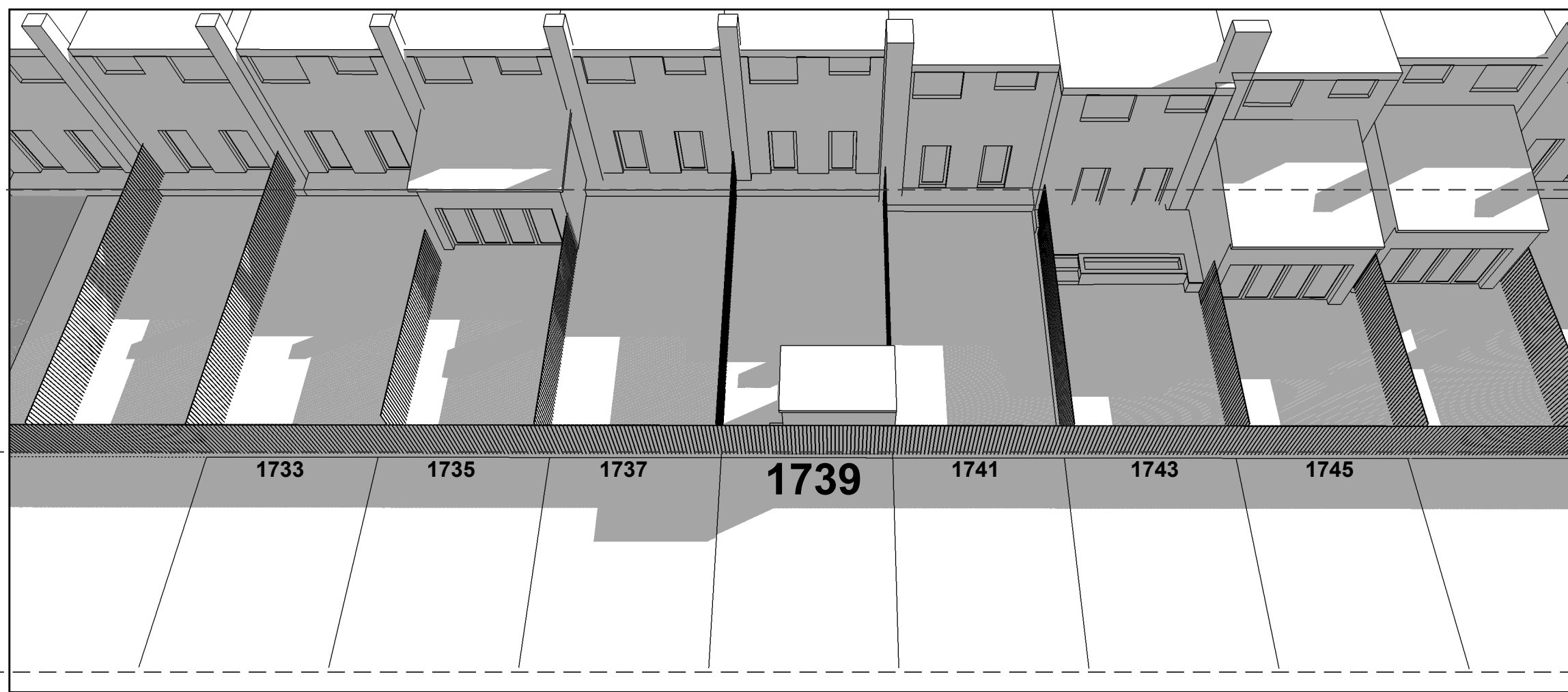
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**SHADOW STUDY**  
SEPT 22 1 PM

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11/07/17 DESIGN UPDATE

**A0013**



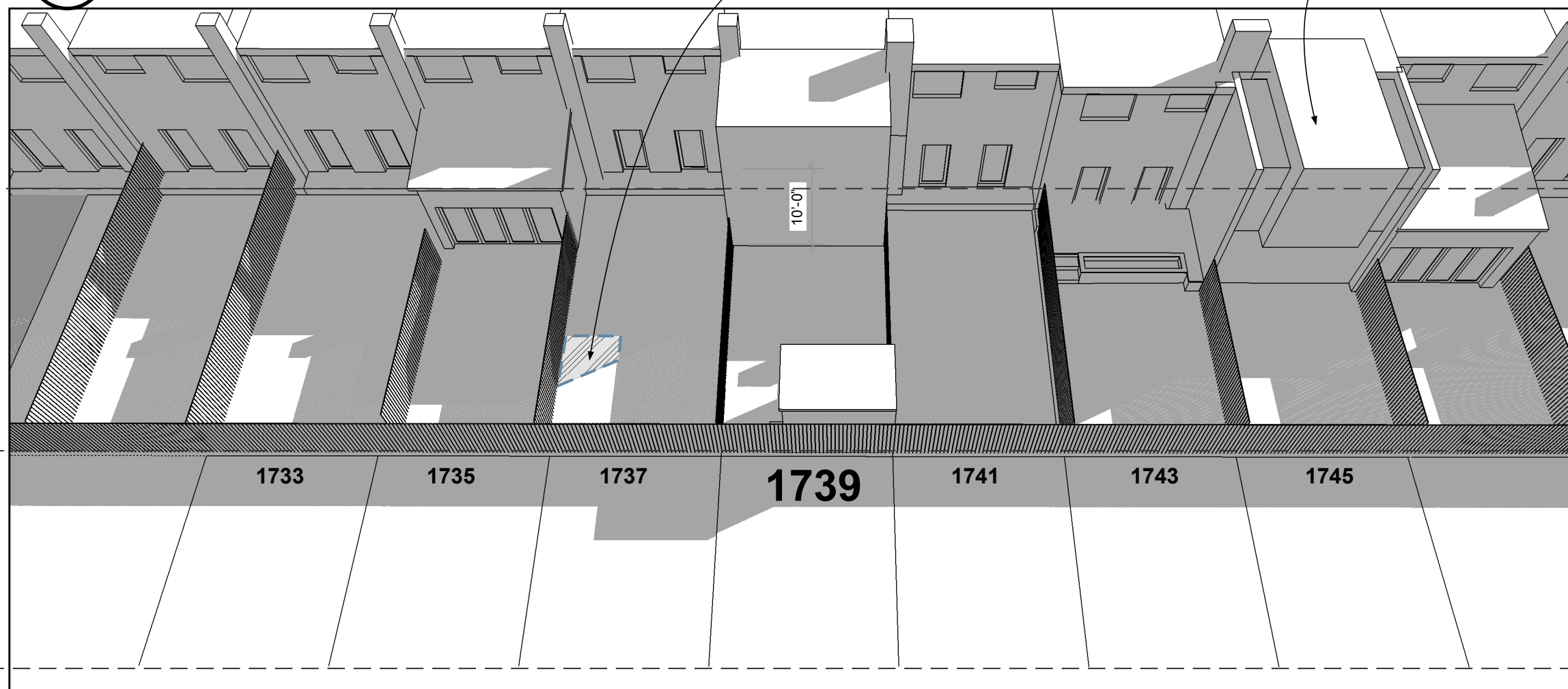
**REAR YARD**  
(AREA INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

**REAR PARKING AREA**  
(AREA NOT INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

1 **EXISTING CONDITION SHADOW STUDY - SEPT 22 @ 4 PM**  
A0014 NTS

AREA AFFECTED BY 10'-0" ADDITION: 4% OF REAR YARD GROSS SQUARE FOOTAGE

PROPOSED ADDITION SHOWN FOR REFERENCE ONLY



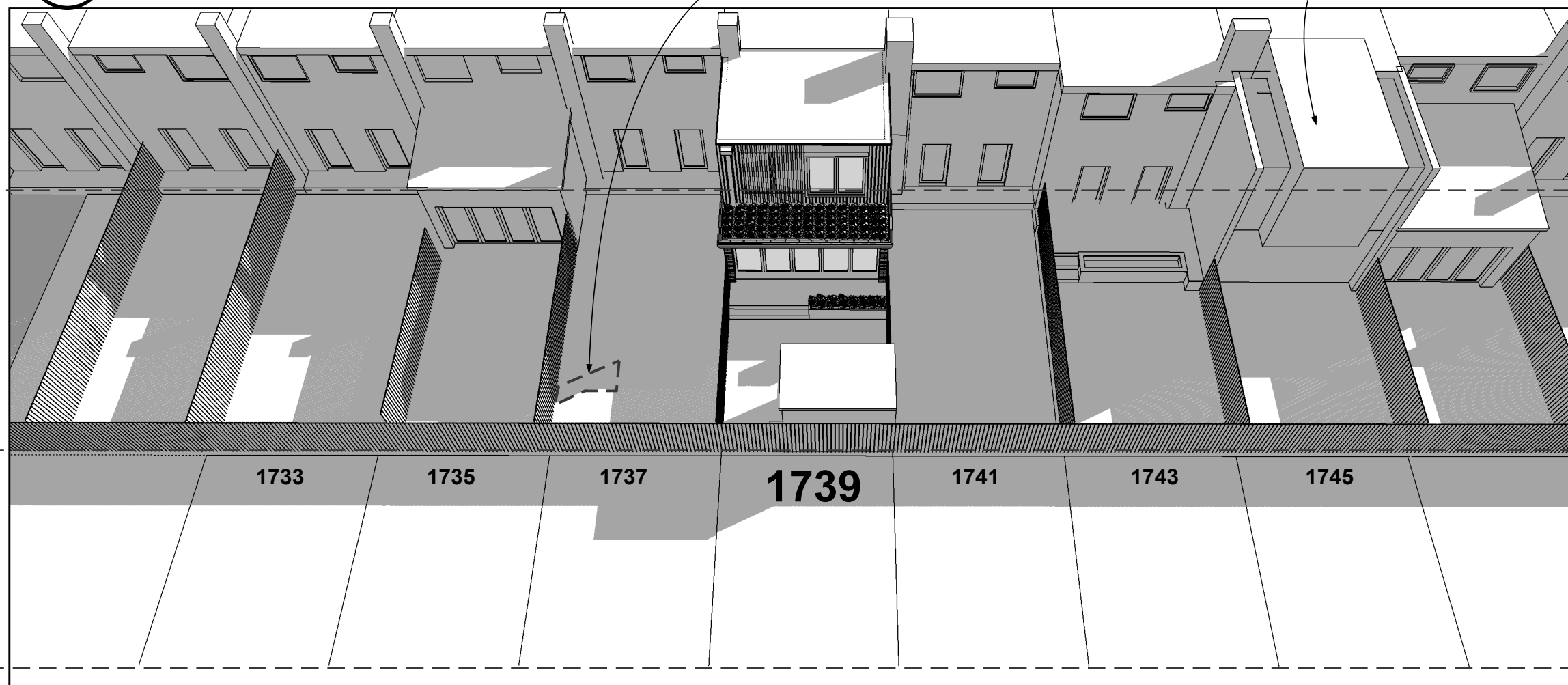
**REAR YARD**  
(AREA INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

**REAR PARKING AREA**  
(AREA NOT INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

2 **10'-0" ADDITION SHADOW STUDY - SEPT 22 @ 4 PM**  
A0014 NTS

AREA AFFECTED BY PROPOSED ADDITION: 1% OF REAR YARD GROSS SQUARE FOOTAGE

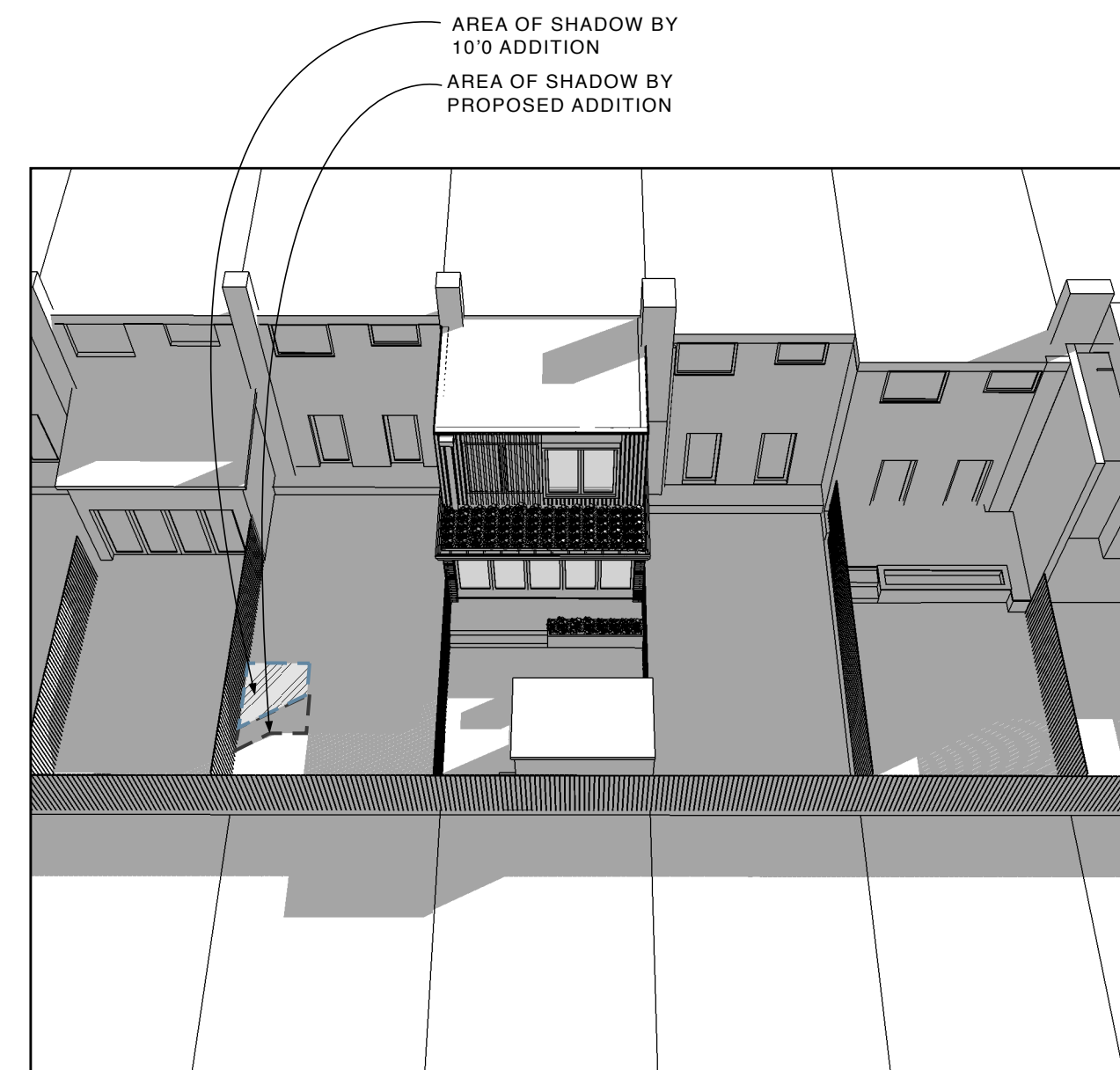
PROPOSED ADDITION SHOWN FOR REFERENCE ONLY



**REAR YARD**  
(AREA INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

**REAR PARKING AREA**  
(AREA NOT INCLUDED IN SHADOW PERCENTAGE CALCULATIONS)

3 **PROPOSED ADDITION SHADOW STUDY - SEPT 22 @ 4 PM**  
A0014 NTS



4 **COMPARISON OF SHADOW OVERLAYS - SEPT 22 @ 4 PM**  
A0014 NTS

DRAWINGS 3 & 4 ON THIS SHEET REPRESENT A 14'-0" FIRST FLOOR ADDITION AND A 12'-0" SECOND FLOOR ADDITION.

SEE SHEET A0002 FOR AN UPDATED PROPOSAL OF A 13'-0" FIRST FLOOR ADDITION AND A 11'-0" SECOND FLOOR ADDITION



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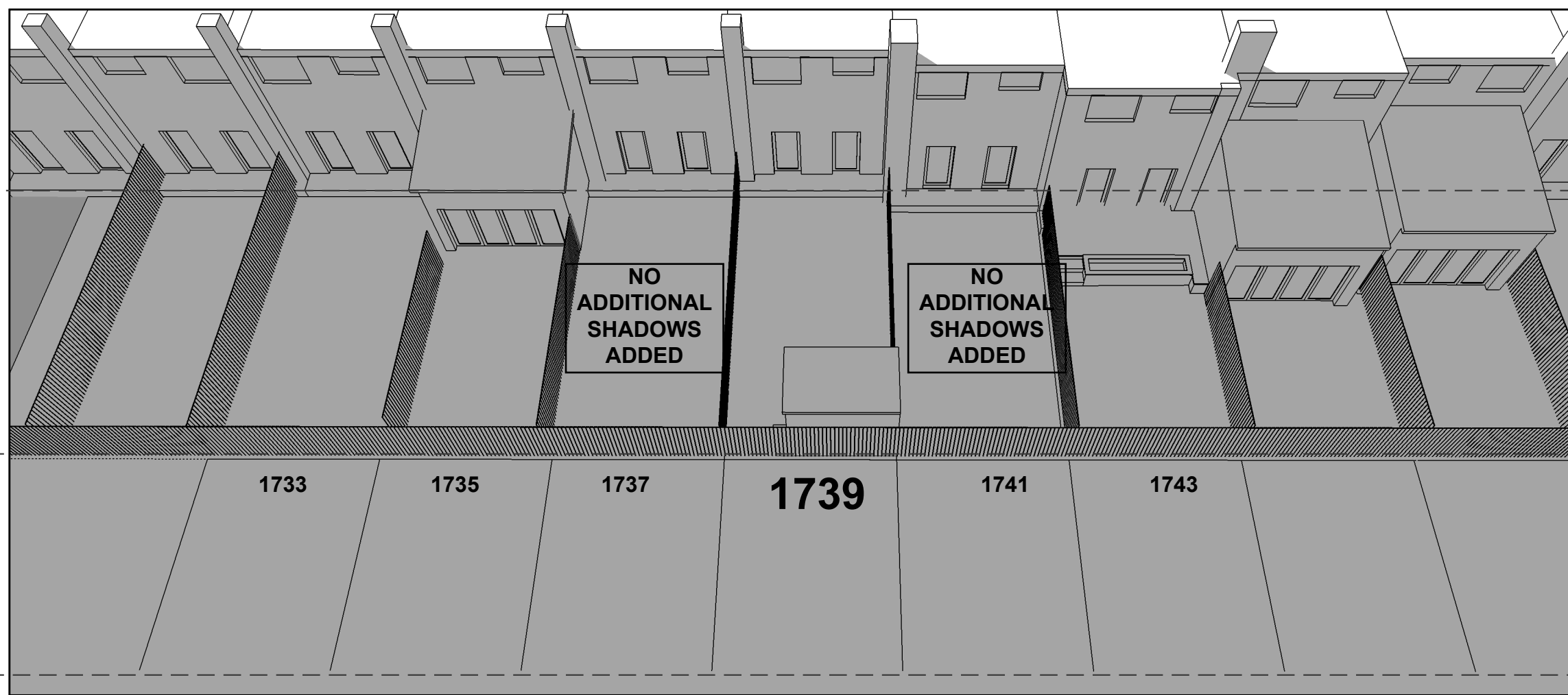
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**Peng Wu & Adams Ross**  
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Washington DC

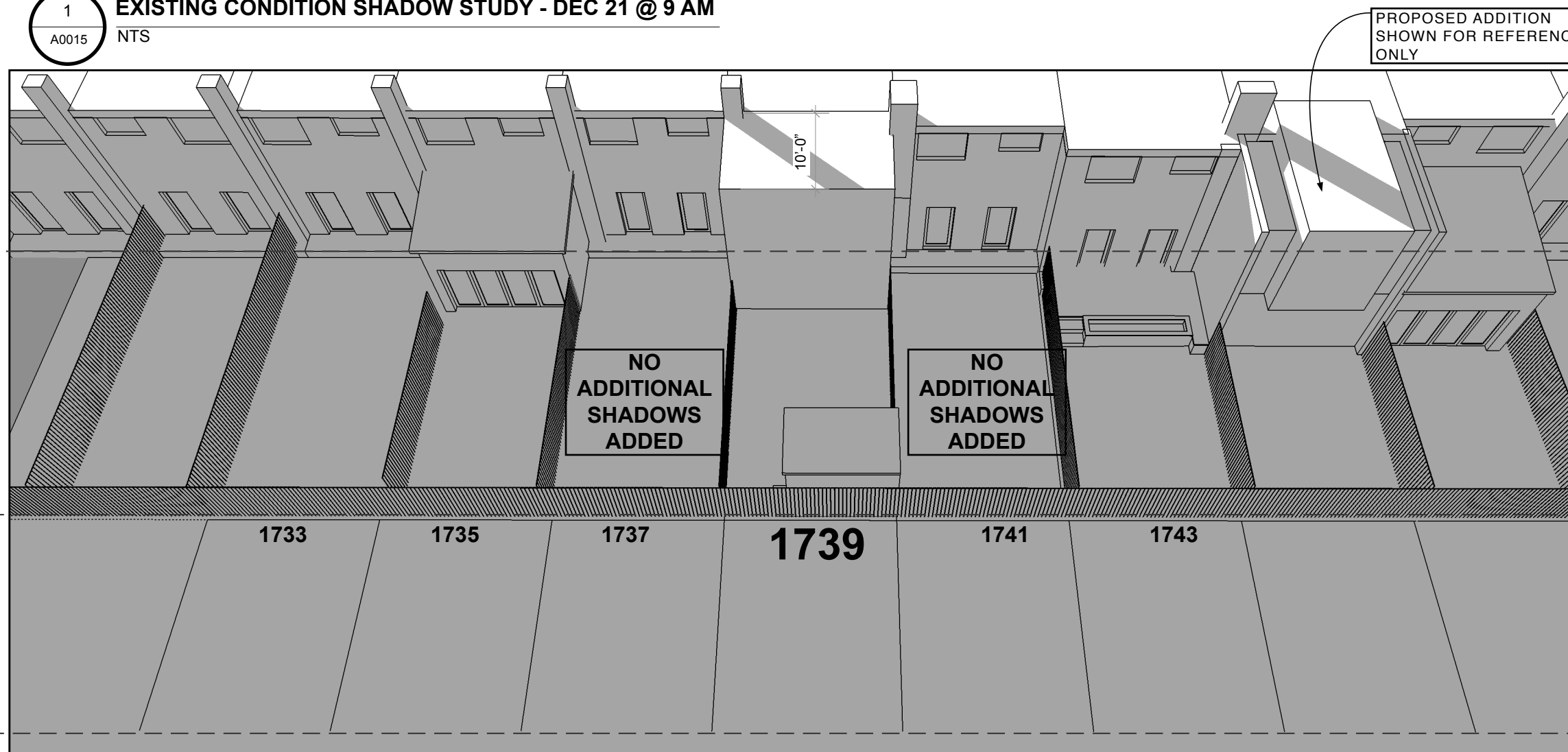
**SHADOW STUDY**  
SEPT 22 4 PM

**ISSUE**  
09/25/17 DESIGN REVIEW  
09/26/17 SHADOW STUDY REV. 1  
10/30/17 SHADOW STUDY REV. 2  
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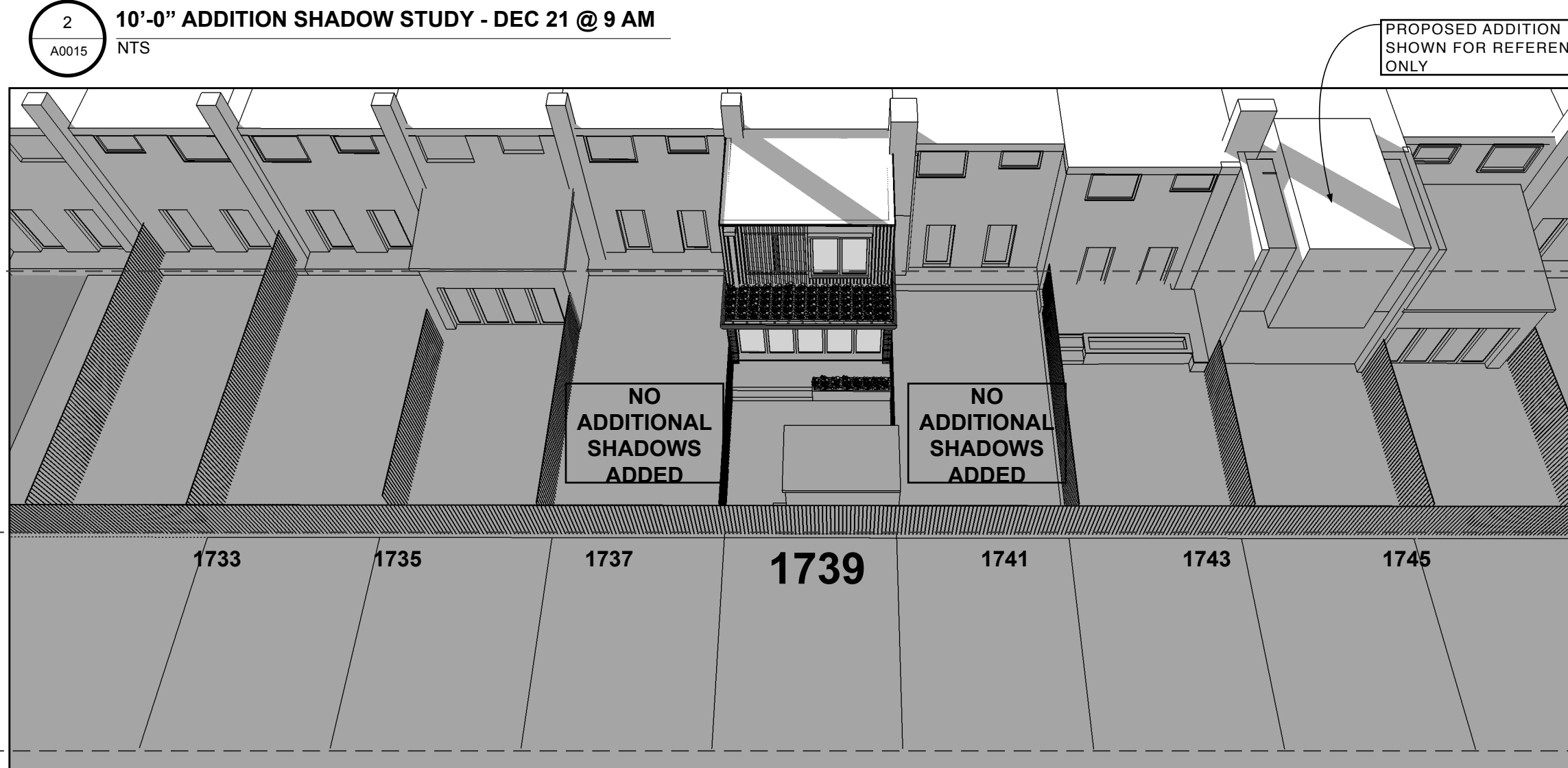
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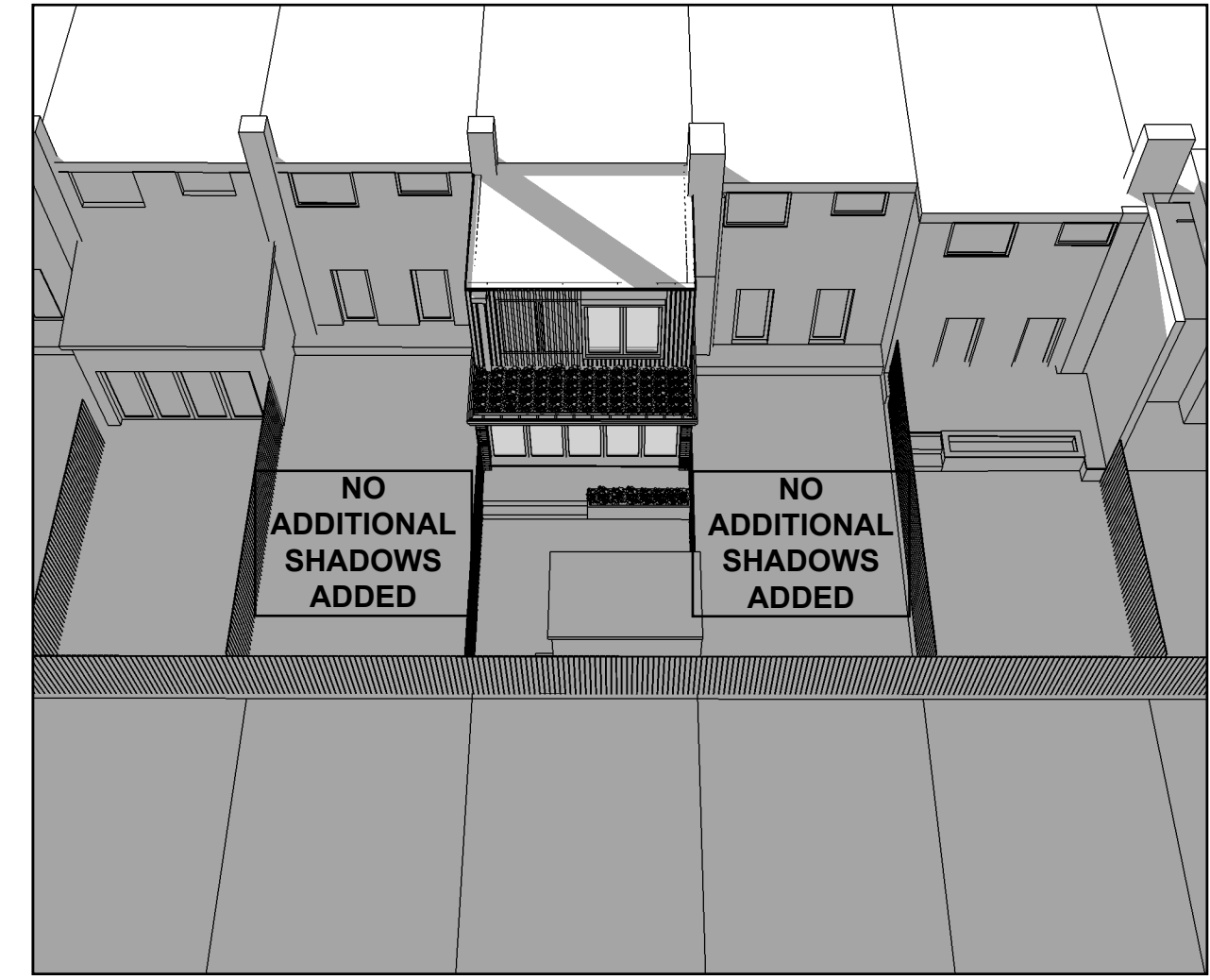
1 EXISTING CONDITION SHADOW STUDY - DEC 21 @ 9 AM  
A0015 NTS



2 10'-0" ADDITION SHADOW STUDY - DEC 21 @ 9 AM  
A0015 NTS



3 PROPOSED ADDITION SHADOW STUDY - DEC 21 @ 9 AM  
A0015 NTS



4 COMPARISON OF SHADOW OVERLAYS - DEC 21 @ 9 AM  
A0015 NTS

DRAWINGS 3 & 4 ON THIS SHEET REPRESENT A 14'-0" FIRST FLOOR ADDITION AND A 12'-0" SECOND FLOOR ADDITION.

SEE SHEET A0002 FOR AN UPDATED PROPOSAL OF A 13'-0" FIRST FLOOR ADDITION AND A 11'-0" SECOND FLOOR ADDITION



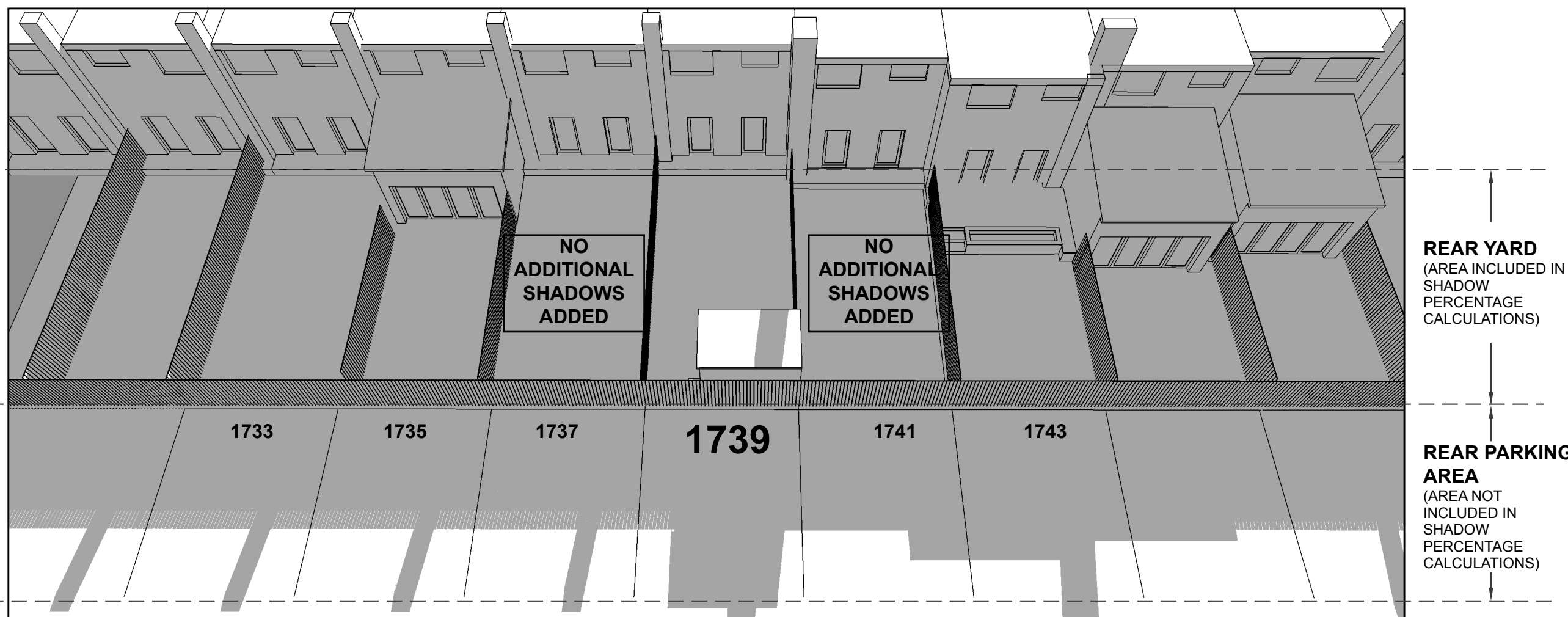
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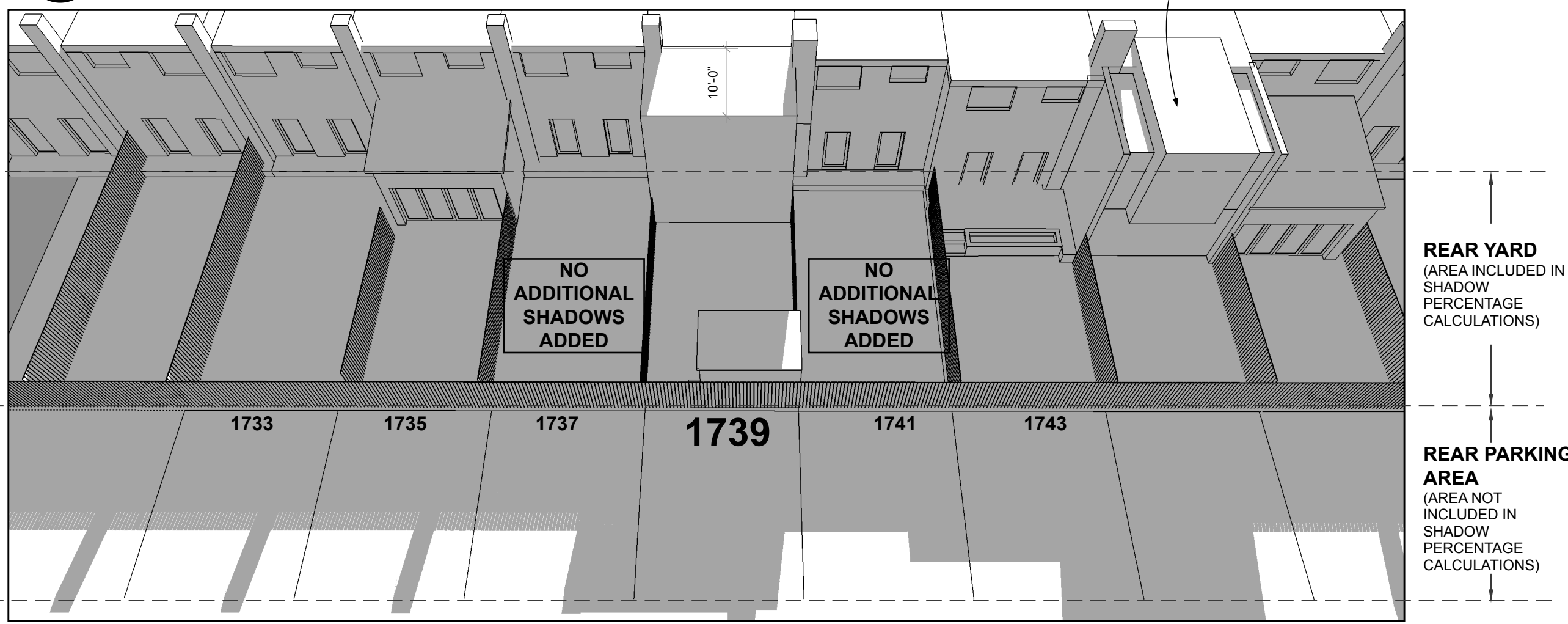
SHADOW STUDY DEC  
21 9 AM

ISSUE  
09/25/17 DESIGN REVIEW  
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10/30/17 SHADOW STUDY REV. 2  
11/07/17 DESIGN UPDATE

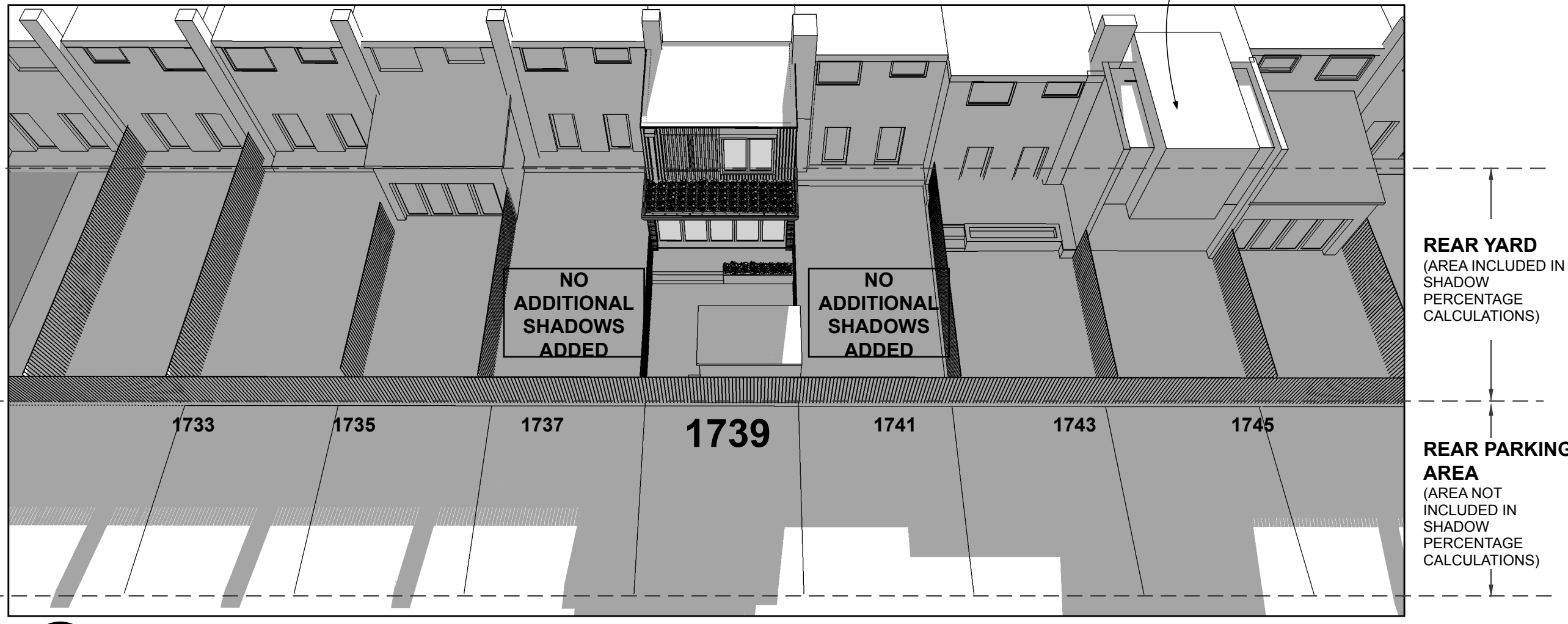
A0015



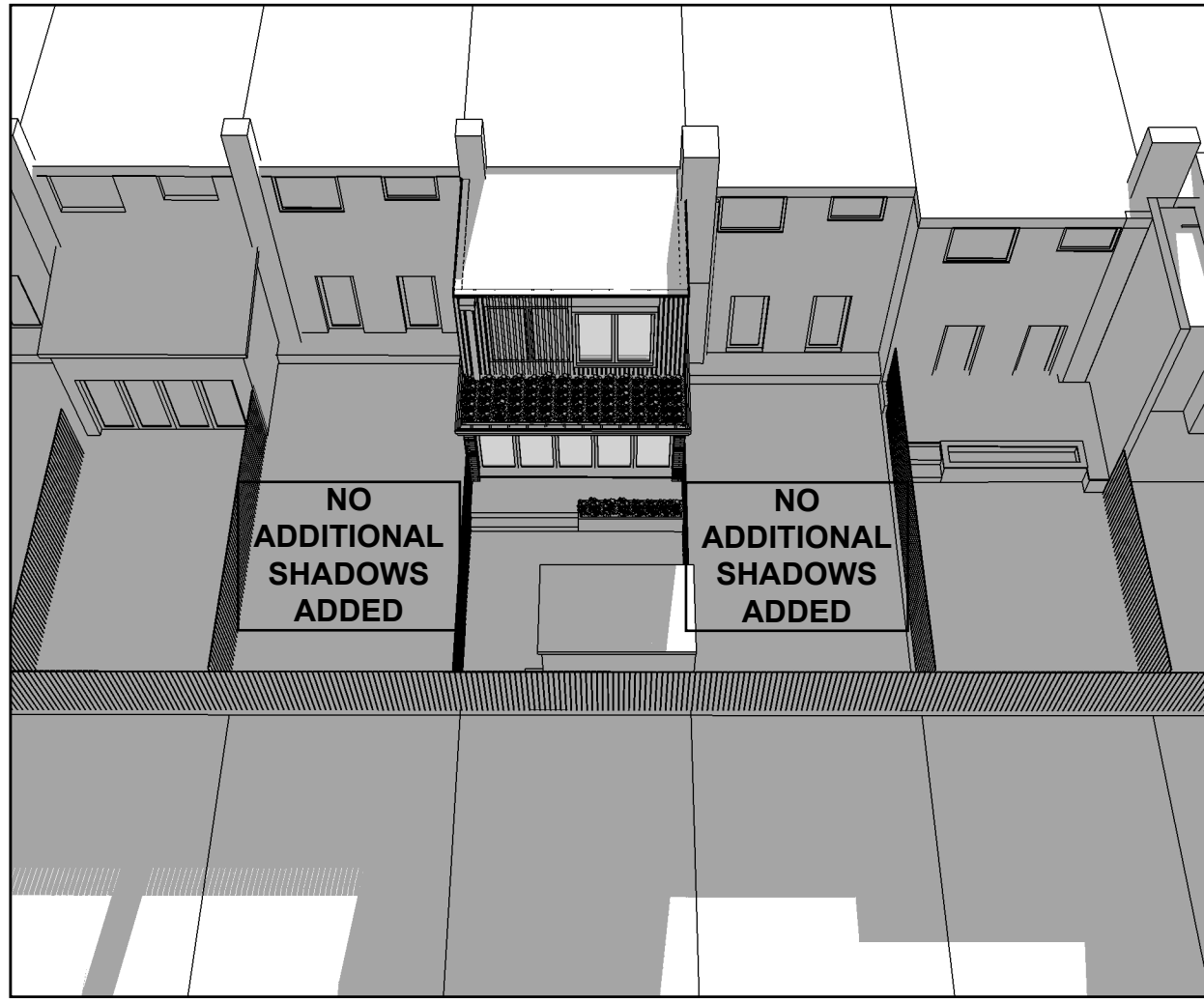
1 EXISTING CONDITION SHADOW STUDY - DEC 21 @ 1 PM  
A0016 NTS



2 10'-0" ADDITION SHADOW STUDY - DEC 21 @ 1 PM  
A0016 NTS



3 PROPOSED ADDITION SHADOW STUDY - DEC 21 @ 1 PM  
A0016 NTS



4 COMPARISON OF SHADOW OVERLAYS - DEC 21 @ 1 PM  
A0016 NTS

DRAWINGS 3 & 4 ON THIS SHEET REPRESENT A 14'-0" FIRST FLOOR ADDITION AND A 12'-0" SECOND FLOOR ADDITION.

SEE SHEET A0002 FOR AN UPDATED PROPOSAL OF A 13'-0" FIRST FLOOR ADDITION AND A 11'-0" SECOND FLOOR ADDITION



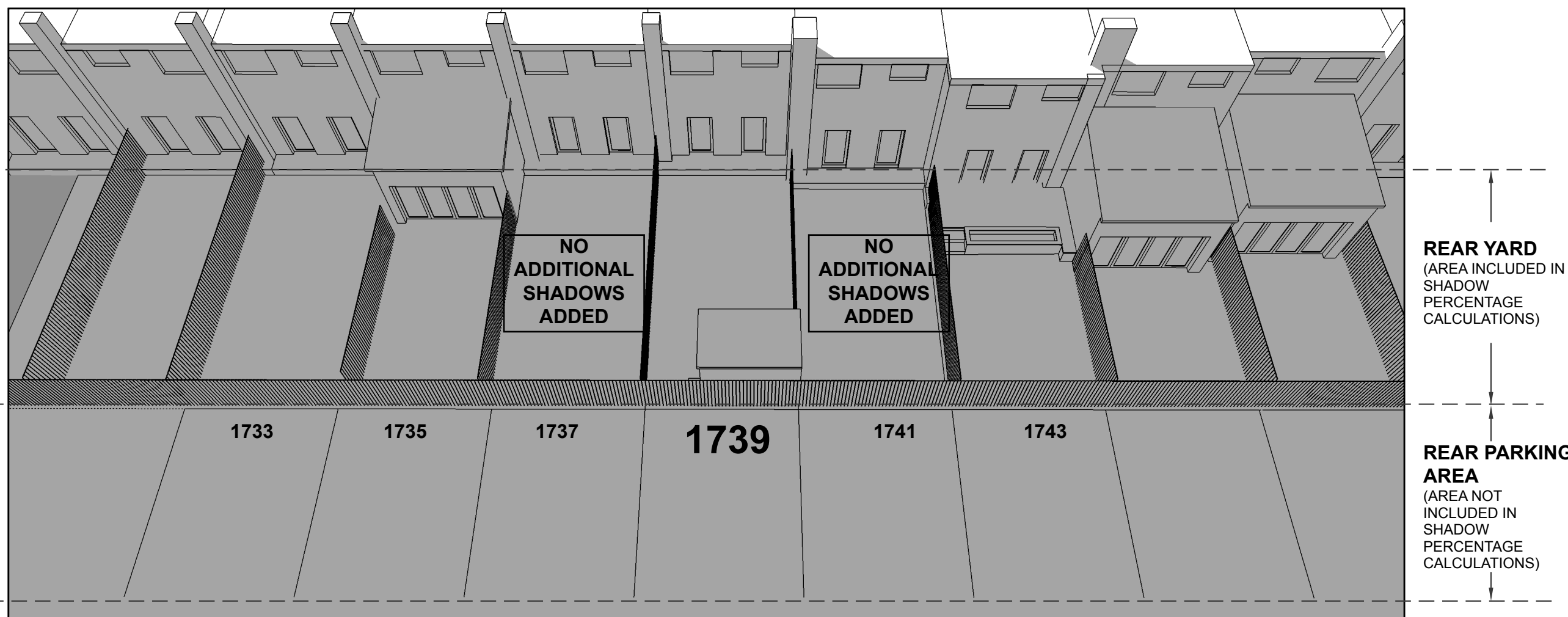
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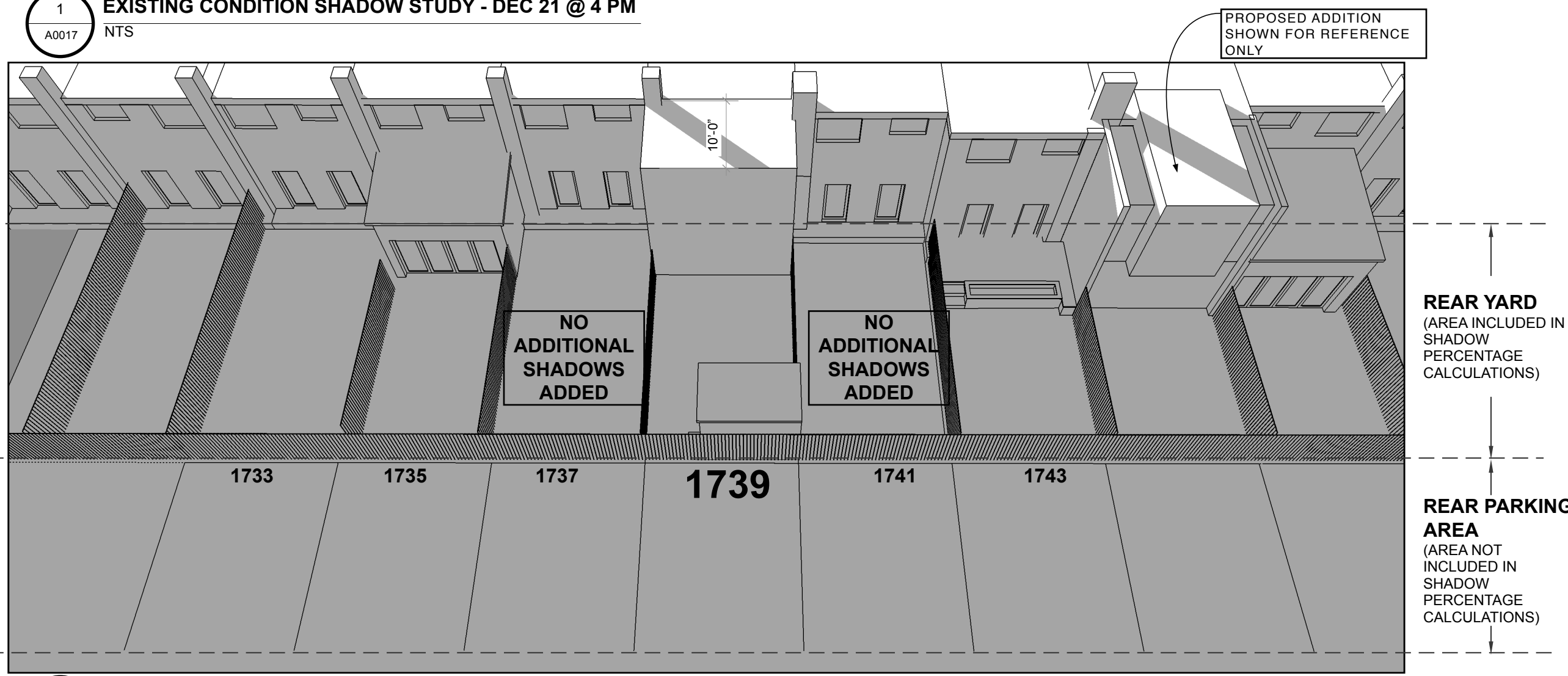
**SHADOW STUDY DEC 21 1 PM**

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11/07/17 DESIGN UPDATE

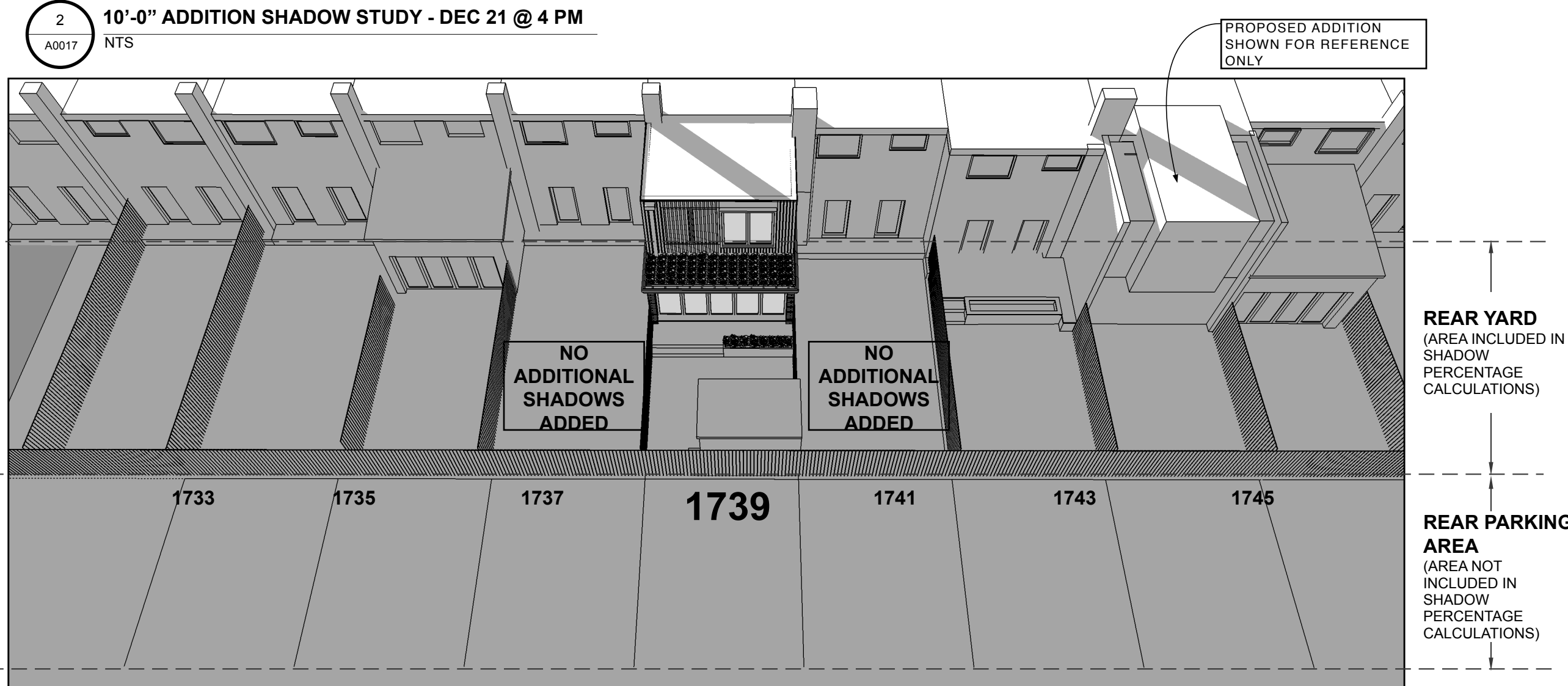
**A0016**



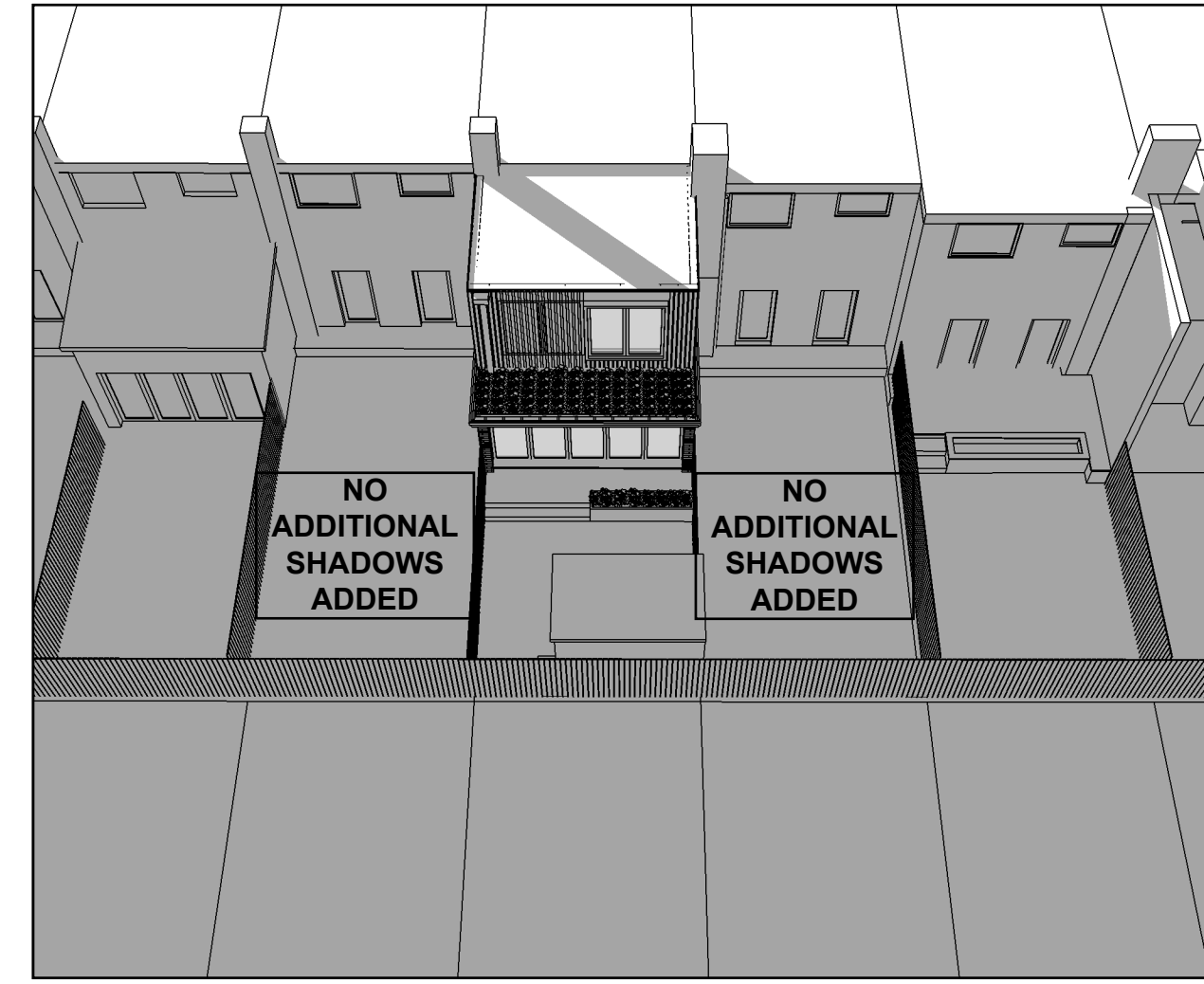
1 EXISTING CONDITION SHADOW STUDY - DEC 21 @ 4 PM  
A0017 NTS



2 10'-0" ADDITION SHADOW STUDY - DEC 21 @ 4 PM  
A0017 NTS



3 PROPOSED ADDITION SHADOW STUDY - DEC 21 @ 4 PM  
A0017 NTS



4 COMPARISON OF SHADOW OVERLAYS - DEC 21 @ 4 PM  
A0017 NTS

DRAWINGS 3 & 4 ON THIS SHEET REPRESENT A 14'-0" FIRST FLOOR ADDITION AND A 12'-0" SECOND FLOOR ADDITION.

SEE SHEET A0002 FOR AN UPDATED PROPOSAL OF A 13'-0" FIRST FLOOR ADDITION AND A 11'-0" SECOND FLOOR ADDITION



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SHADOW STUDY DEC  
21 4PM

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11/07/17 DESIGN UPDATE

A0017