

COMPARATIVE SUN / SHADOW STUDY

MAIN & SANDERS

Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard
City of Hamilton

Prepared for:

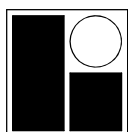
Sanders Garden Inc.
c/o Bloomfield Homes

Prepared by:

Ralph Bouwmeester, P. Eng.

RBA File: S19027

December 2, 2019



R. BOUWMEESTER & ASSOCIATES

Sun & Shadow Position Specialists

165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392

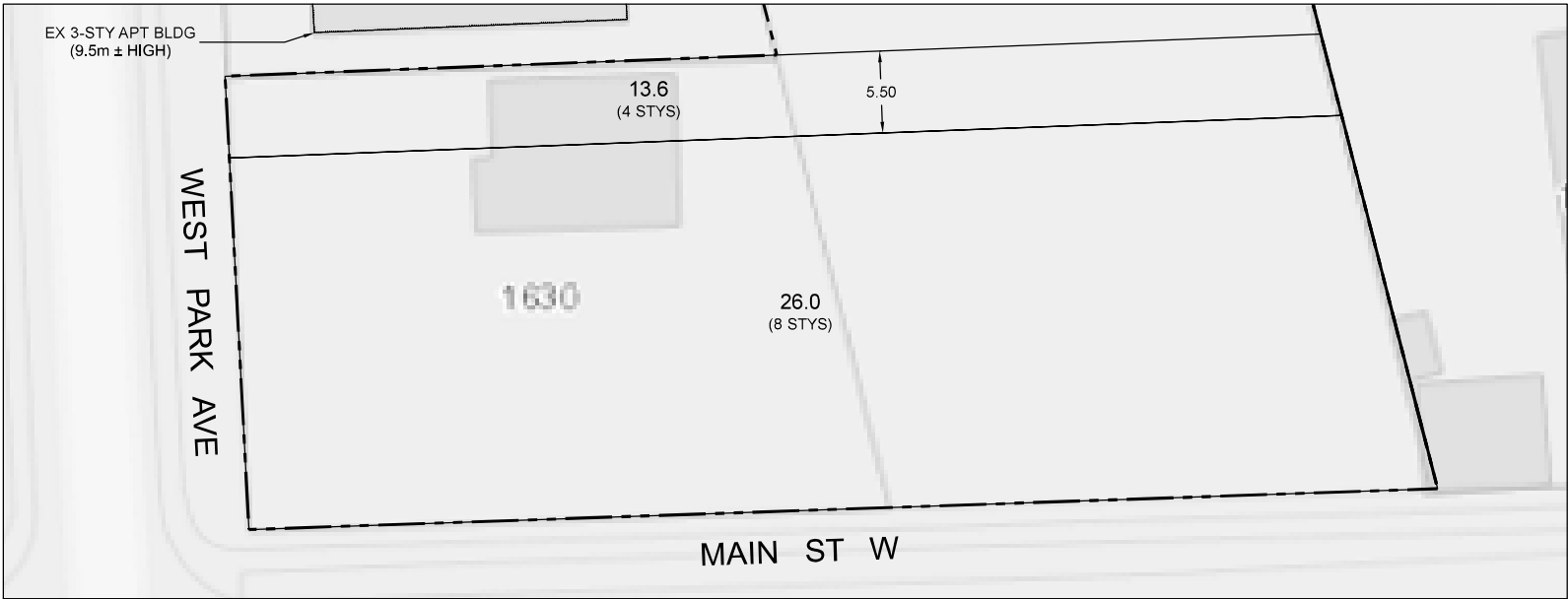
Web: www.sunposition.com Email: rba@sunposition.com

NOTES:

- 1. ROOF HEIGHTS INCLUDE PARAPETS, RAILINGS, AND ROOF-TOP FEATURES, WHERE APPLICABLE AND UNLESS SHOWN OTHERWISE.
- 2. ROOF HEIGHTS ARE SHOWN IN METRES ABOVE FINISHED GRADE AT SUBJECT SITE.
- 3. SHADOWS ARE SHOWN ON ASSUMED FLAT GROUND PLANE.
- 4. ROOF HEIGHTS DERIVED FROM ARCHITECTURAL PLANS AND MODELS BY ARCHITECTURAL DESIGN INC.



9-STY PROPOSED



8-STY (MIXED-USE PERMITTED)



ZONING AS-OF-RIGHT (11m / 9m HEIGHT)

GEOGRAPHIC SITE LOCATION:

LATITUDE: 43° 15' 27" N
LONGITUDE: 79° 55' 52" W

TIME ZONE:

EASTERN
- STANDARD TIME (EST) (UT - 5 hrs)
- DAYLIGHT TIME (EDT) (UT - 4 hrs)

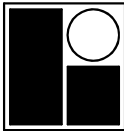


ROOF HEIGHTS
SUN / SHADOW STUDY
Proposed Mixed-Use Development

1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.

City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.:
Drawn by:	RB	Scale:	1 : 500	
Checked by:	RB	Date:	DEC 2/19	

RH-1



MAR 21

8:00 AM

ALL TIMES IN EDT

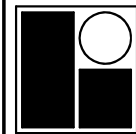
- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)



MAR 21

9:00 AM

SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard
Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.:
Drawn by:	RB	Scale:	1 : 1500	
Checked by:	RB	Date:	DEC 2/19	

SS-1

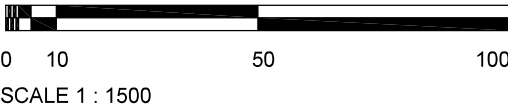


MAR 21

10:00 AM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)

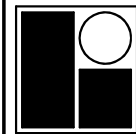


MAR 21

11:00 AM

SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.: SS-2
Drawn by:	RB	Scale:	1 : 1500	
Checked by:	RB	Date:	DEC 2/19	



MAR 21

12:00 PM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)

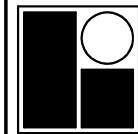


MAR 21

1:00 PM

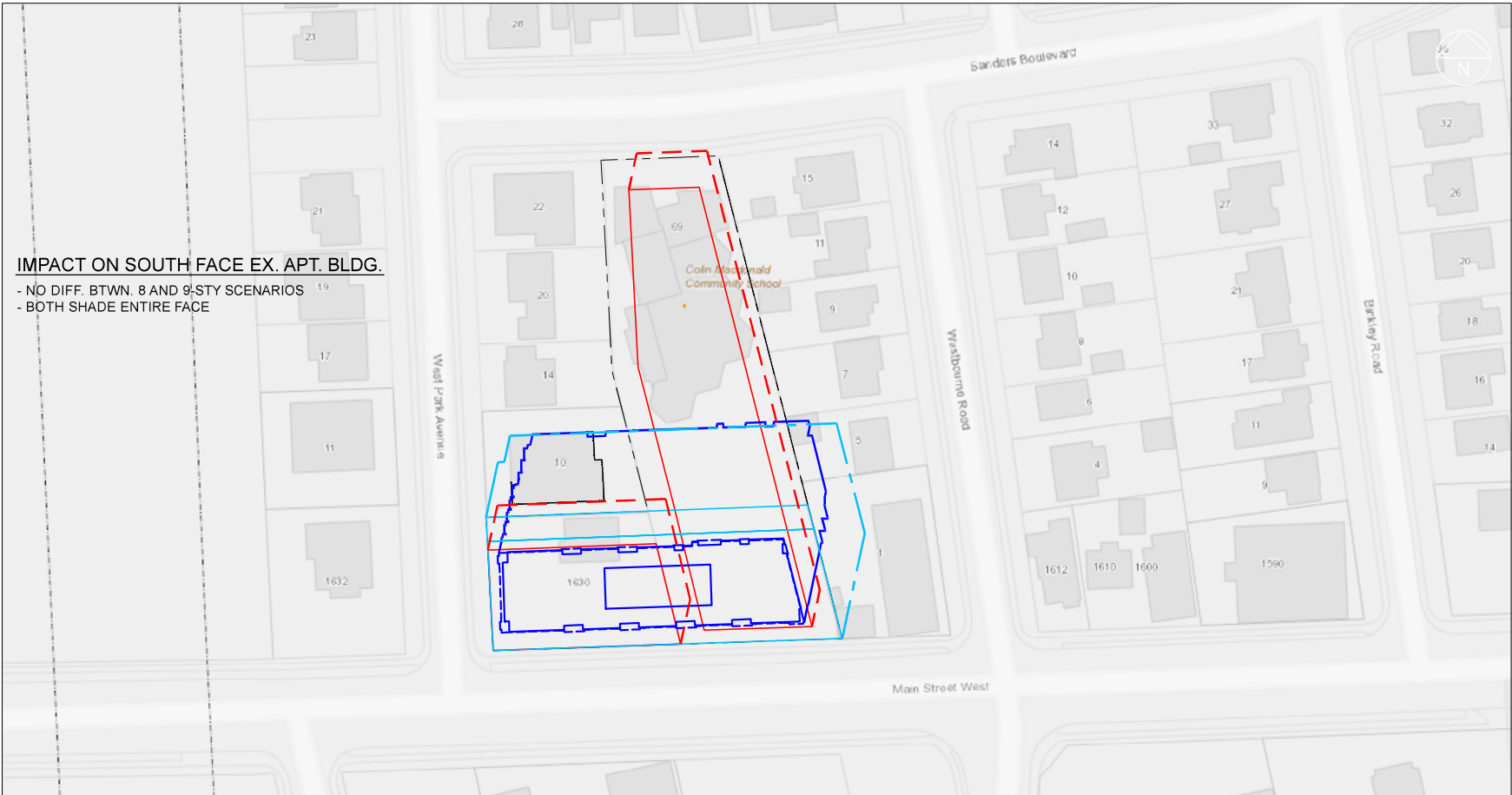
SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.: SS-3
Drawn by:	RB	Scale:	1 : 1500	
Checked by:	RB	Date:	DEC 2/19	



MAR 21

2:00 PM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)

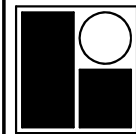


MAR 21

3:00 PM

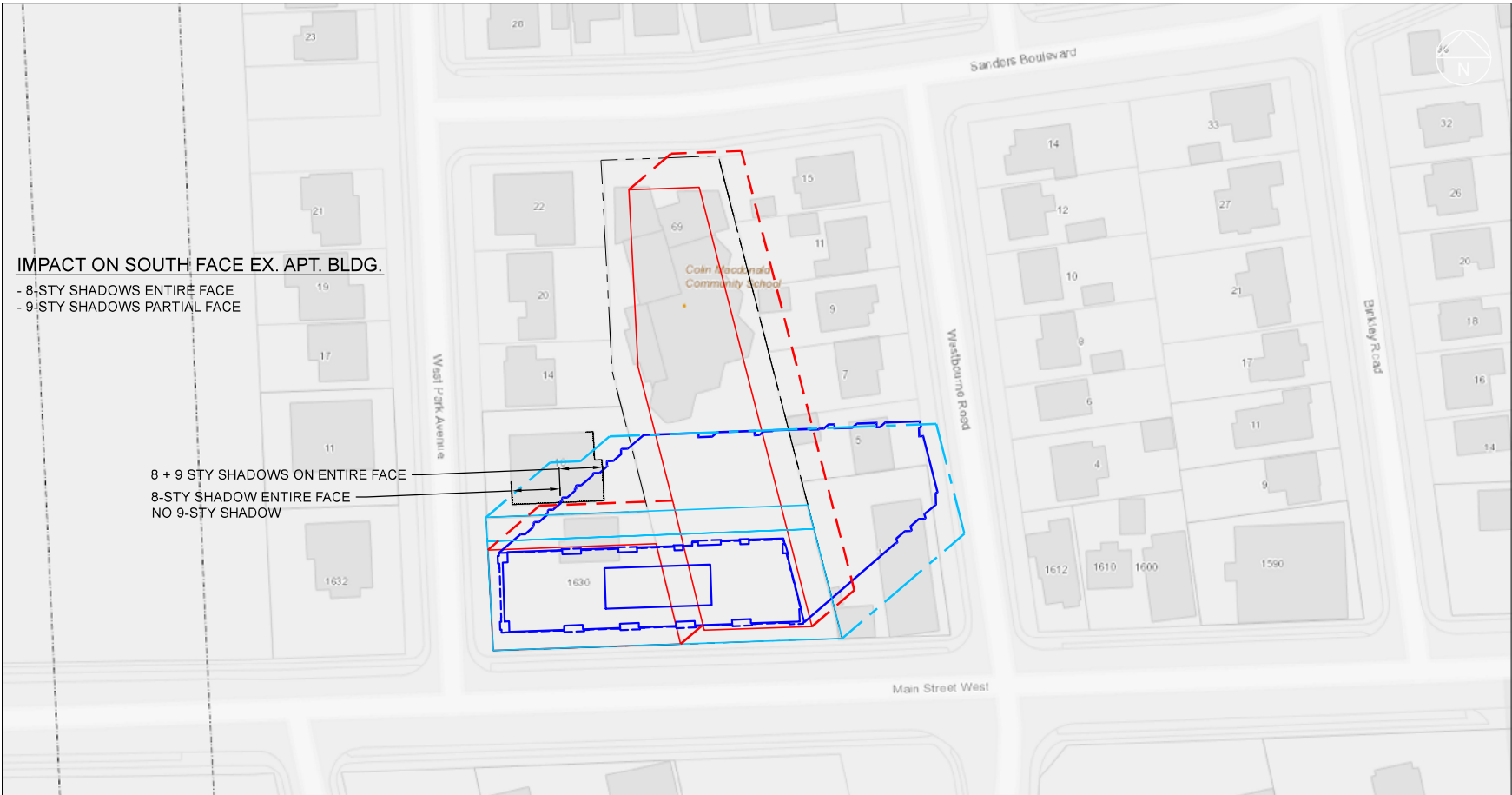
SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.: SS-4
Drawn by:	RB	Scale:	1 : 1500	
Checked by:	RB	Date:	DEC 2/19	

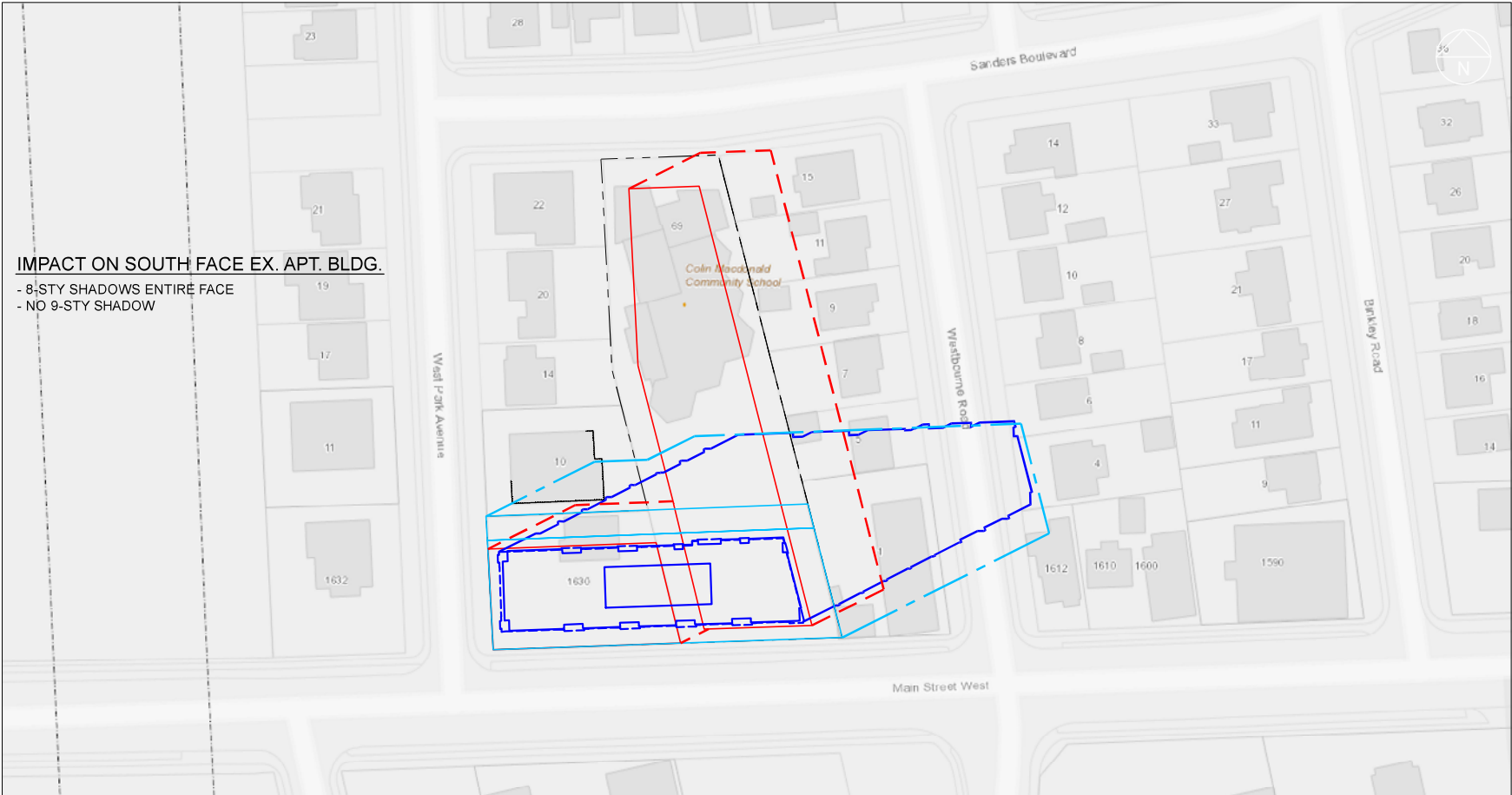


MAR 21

4:00 PM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)

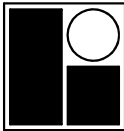


MAR 21

5:00 PM

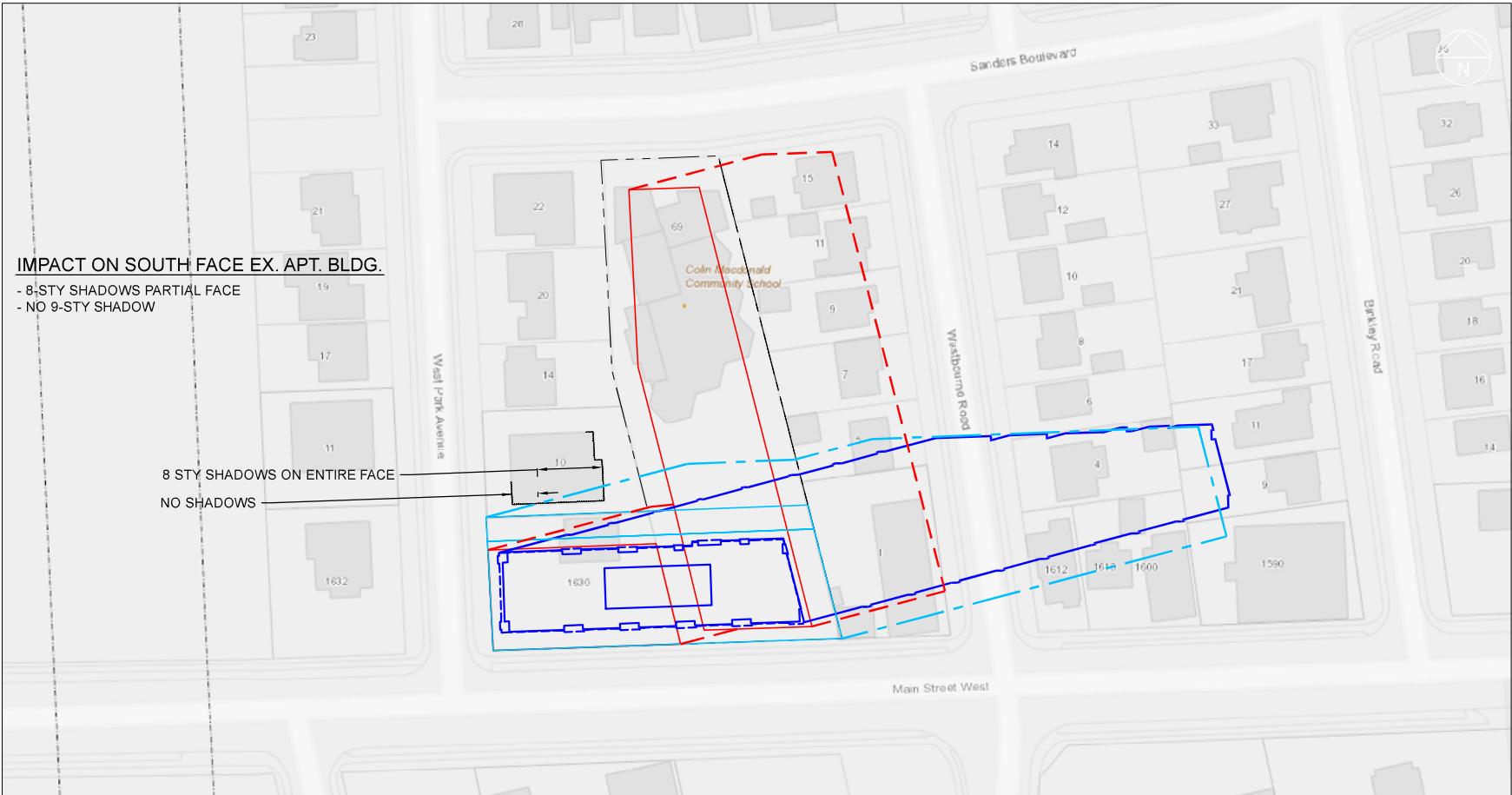
SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.: SS-5
Drawn by:	RB	Scale:	1 : 1500	
Checked by:	RB	Date:	DEC 2/19	

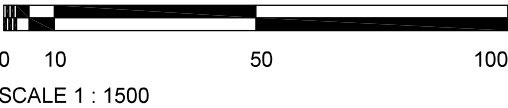


MAR 21

6:00 PM

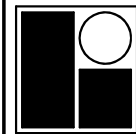
ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)



SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard

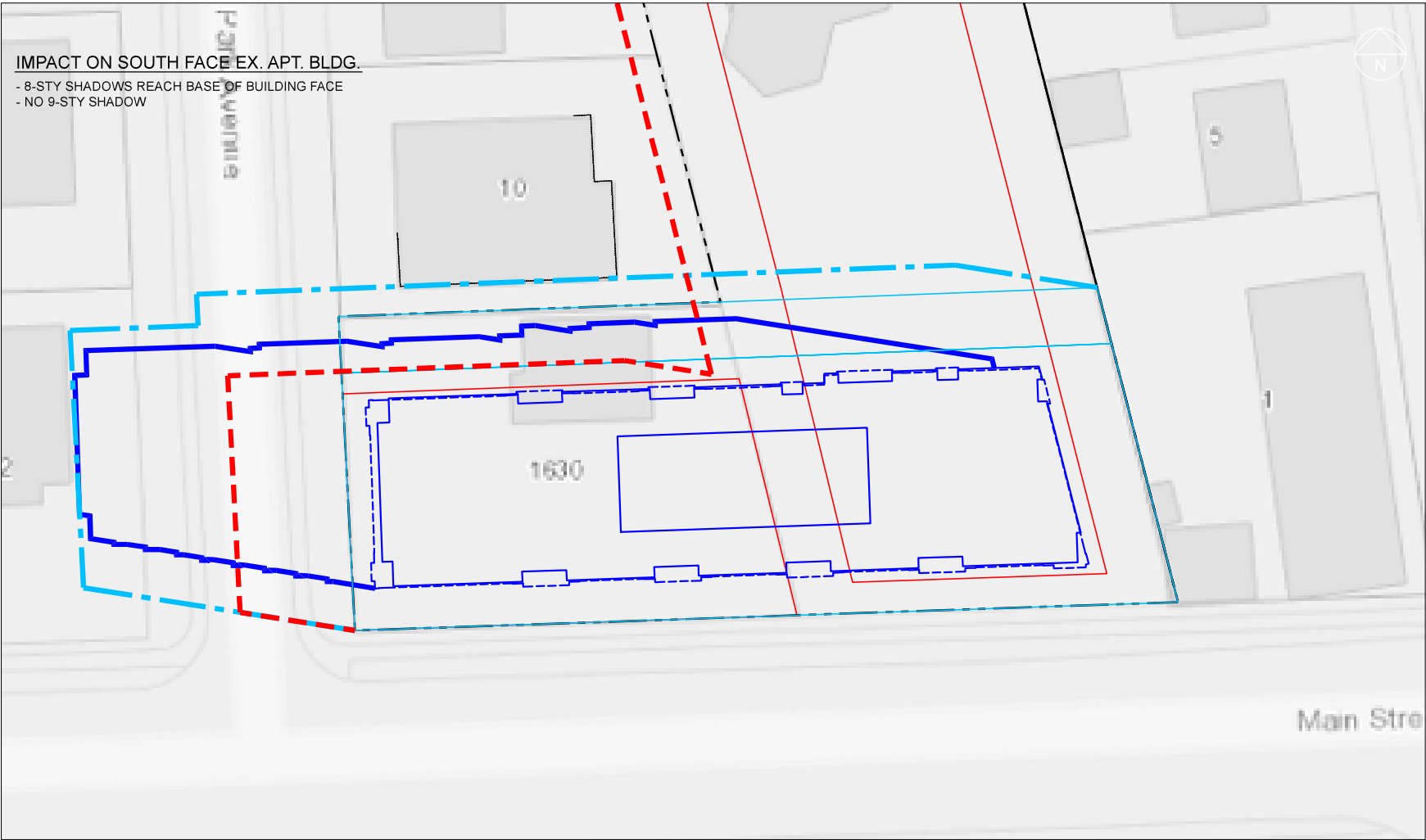
Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.:
Drawn by:	RB	Scale:	1 : 1500	
Checked by:	RB	Date:	DEC 2/19	

SS-6

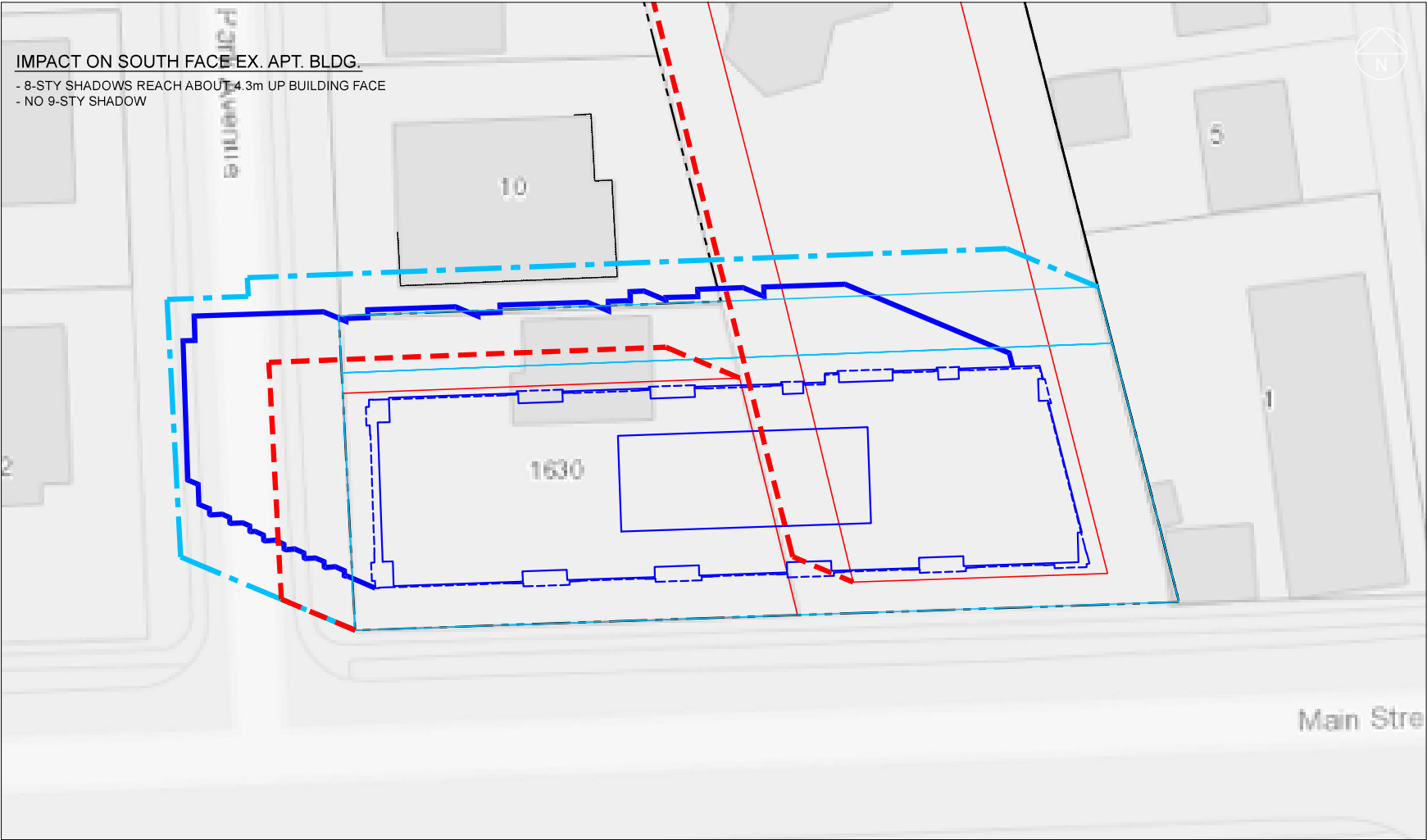
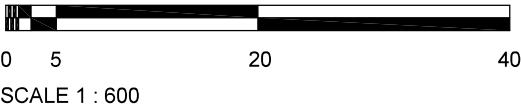


JUN 21

10:00 AM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)



JUN 21

11:00 AM

SUN / SHADOW STUDY

Proposed Mixed-Use Development

1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.

City of Hamilton



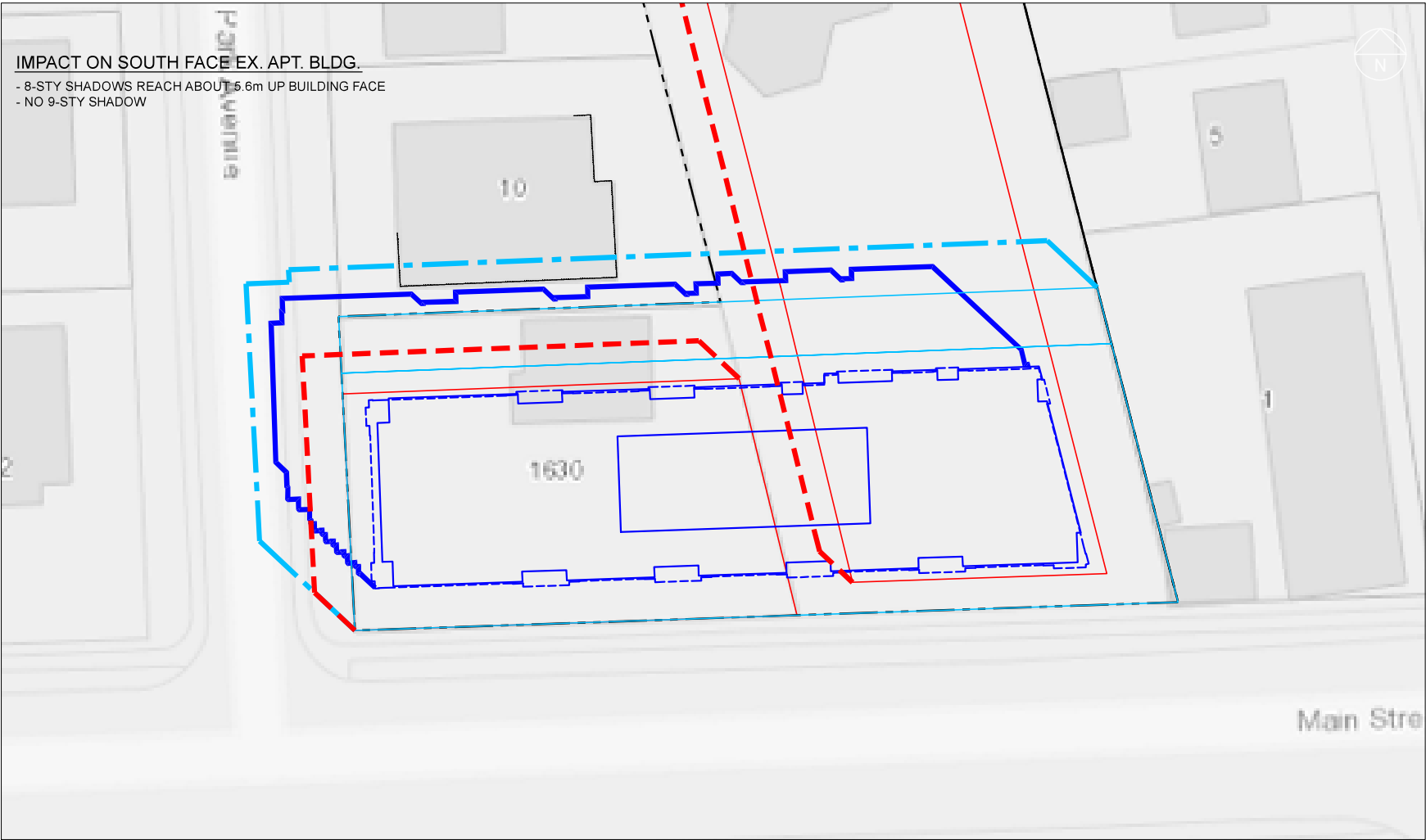
R. BOUWMEESTER & ASSOCIATES

Sun & Shadow Position Specialists

165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392

Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.: SS-7
Drawn by:	RB	Scale:	1 : 600	
Checked by:	RB	Date:	DEC 2/19	

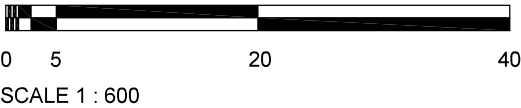


JUN 21

12:00 PM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)



JUN 21

1:00 PM

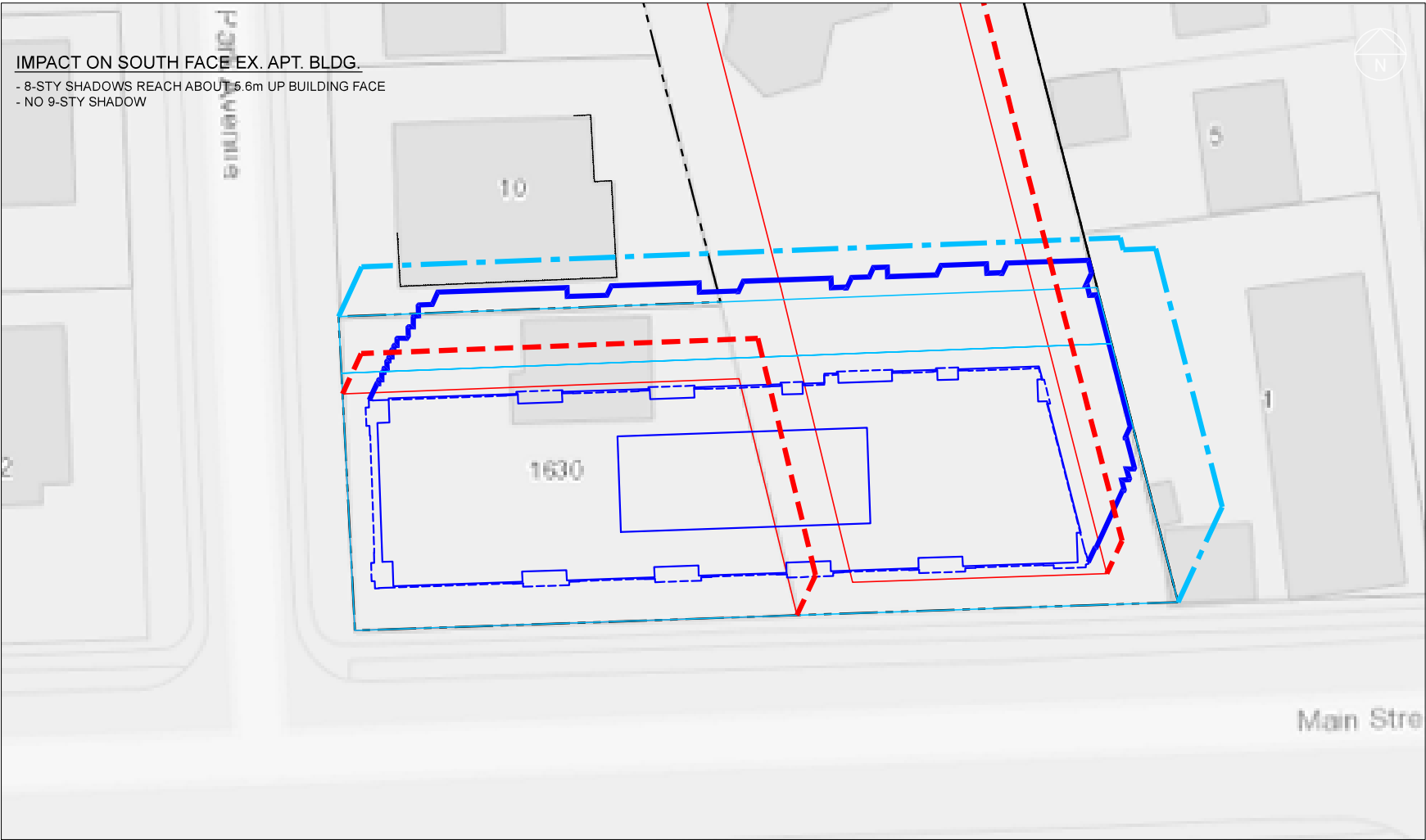
SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.: SS-8
Drawn by:	RB	Scale:	1 : 600	
Checked by:	RB	Date:	DEC 2/19	

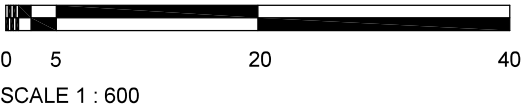


JUN 21

2:00 PM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)

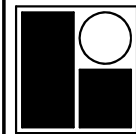


JUN 21

3:00 PM

SUN / SHADOW STUDY
Proposed Mixed-Use Development
1630 Main Street West and 69 Sanders Boulevard

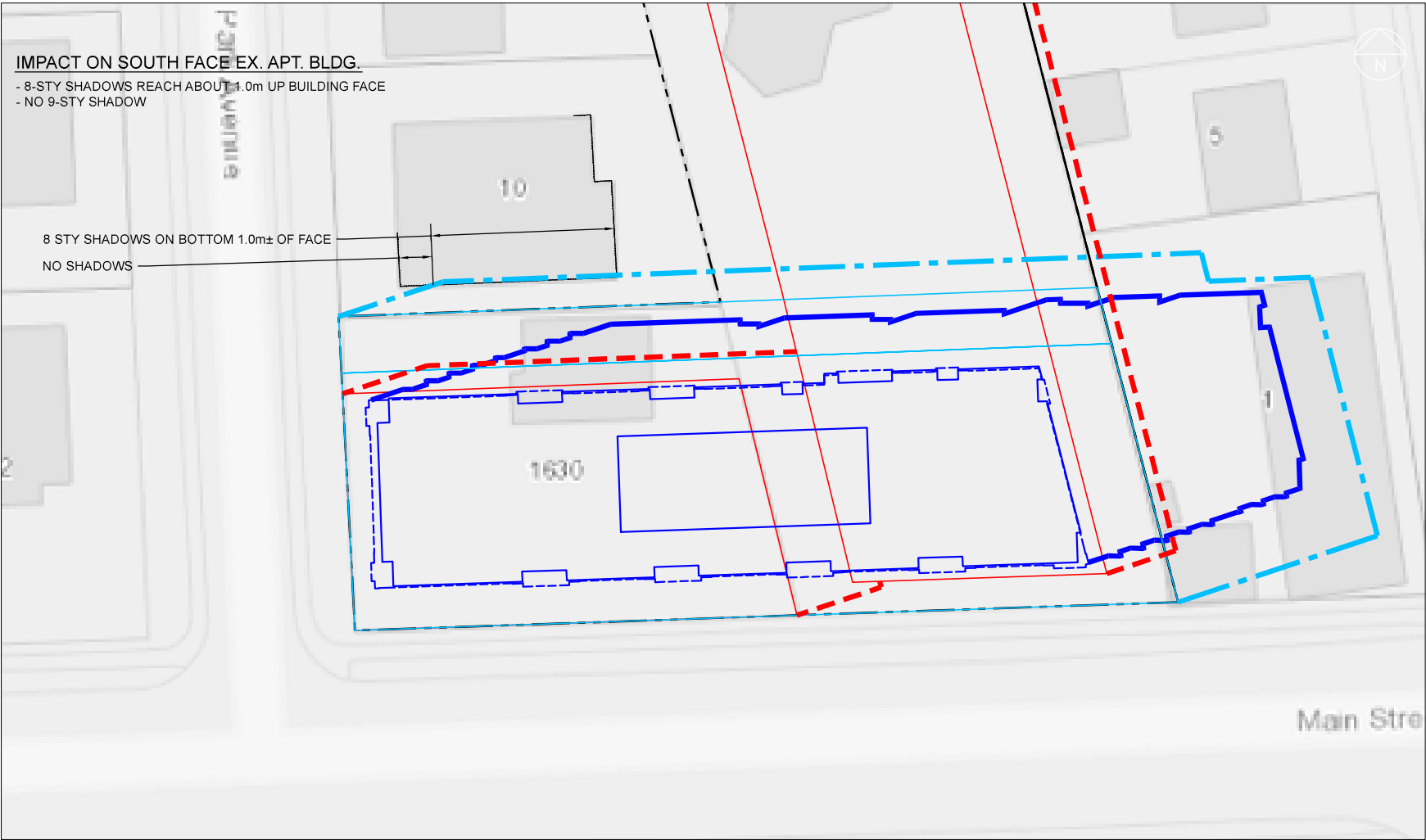
Sanders Garden Inc.
City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.:
Drawn by:	RB	Scale:	1 : 600	
Checked by:	RB	Date:	DEC 2/19	

SS-9

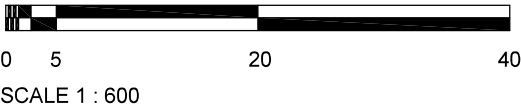


JUN 21

4:00 PM

ALL TIMES IN EDT

- 9-STY PROPOSED
- 8-STY (MIXED-USE PERMITTED)
- ZONING AS-OF-RIGHT (11m / 9m HEIGHT)

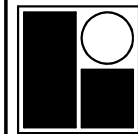


SUN / SHADOW STUDY
Proposed Mixed-Use Development

1630 Main Street West and 69 Sanders Boulevard

Sanders Garden Inc.

City of Hamilton



R. BOUWMEESTER & ASSOCIATES
Sun & Shadow Position Specialists
165 Browning Trail, Barrie ON Tel/Fax (705) 726-3392
Web: www.sunposition.com Email: rba@sunposition.com

Calculated by:	RB	Project:	S19027	Drawing No.:
Drawn by:	RB	Scale:	1 : 600	
Checked by:	RB	Date:	DEC 2/19	

SS-10