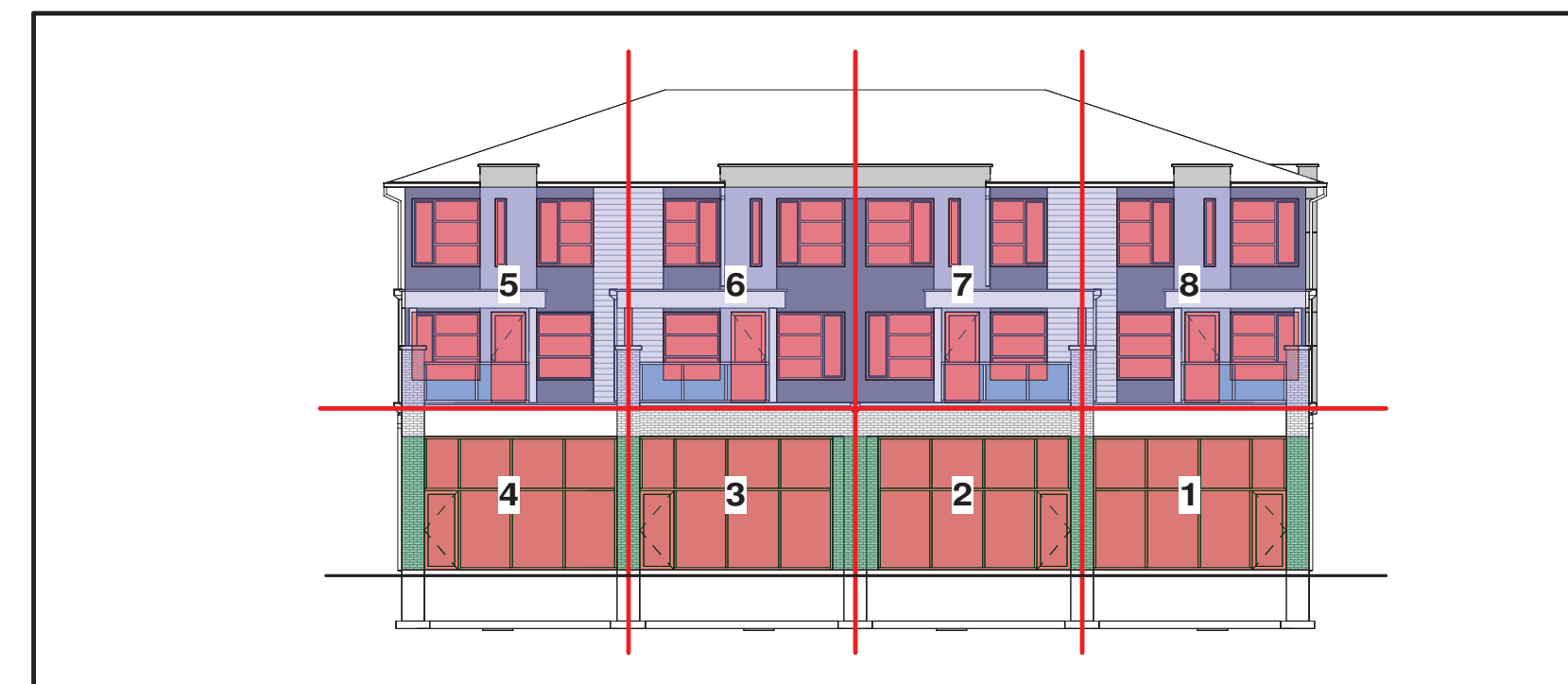


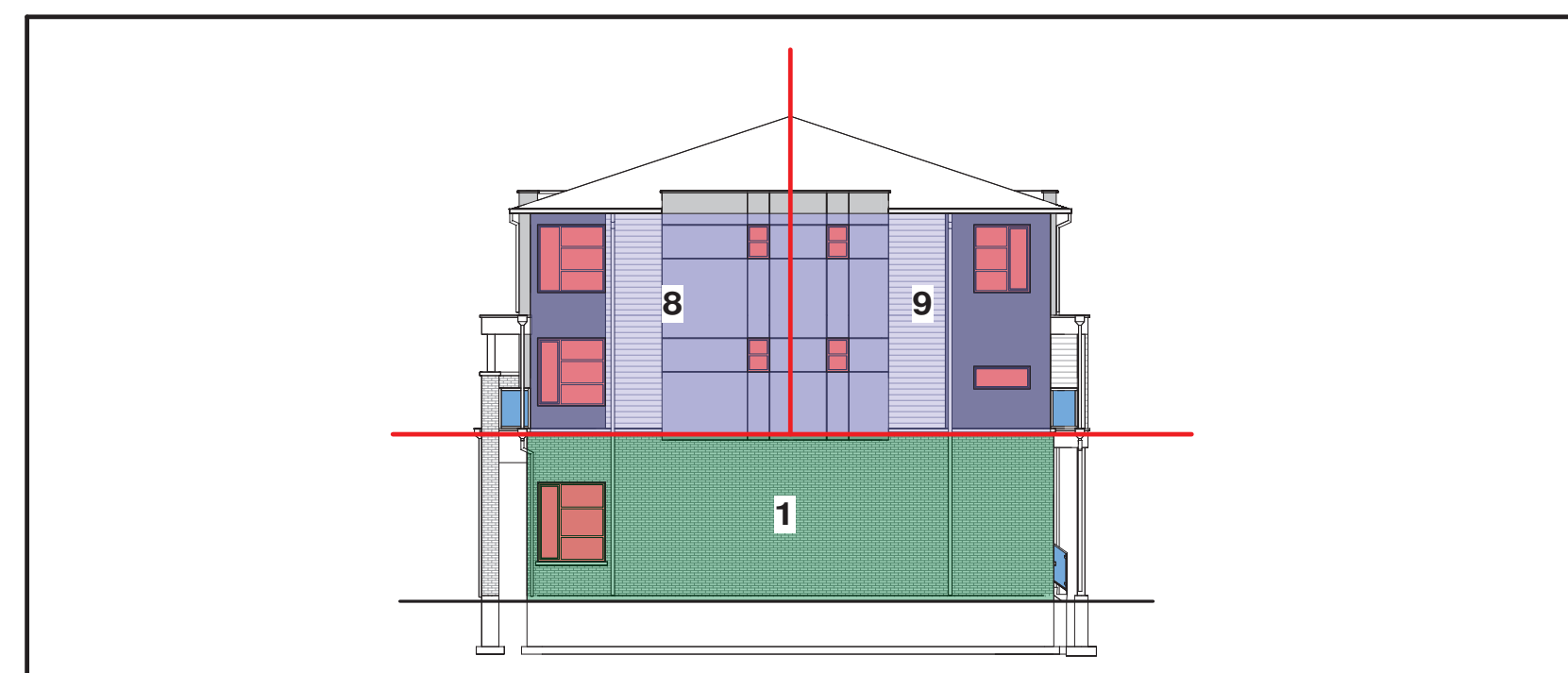
NORTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
01	27.41 SQMT	3.77 MT	09.59 SQMT (35%)	5.57 SQMT (20.32%)
02	27.41 SQMT	3.77 MT	09.59 SQMT (35%)	5.57 SQMT (20.32%)
03	27.41 SQMT	3.77 MT	09.59 SQMT (35%)	5.57 SQMT (20.32%)
04	27.41 SQMT	3.77 MT	09.59 SQMT (35%)	5.57 SQMT (20.32%)
09	35.70 SQMT	3.77 MT	10.35 SQMT (29%)	10.35 SQMT (29%)
10	36.23 SQMT	3.77 MT	10.51 SQMT (29%)	10.51 SQMT (29%)
11	36.23 SQMT	3.77 MT	10.51 SQMT (29%)	10.51 SQMT (29%)
12	35.70 SQMT	3.77 MT	10.35 SQMT (29%)	10.35 SQMT (29%)



SOUTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
01	21.83 SQMT	18.66 MT	21.83 SQMT (100%)	18.56 SQMT (85.00%)
02	21.83 SQMT	18.66 MT	21.83 SQMT (100%)	18.56 SQMT (85.00%)
03	21.83 SQMT	18.66 MT	21.83 SQMT (100%)	18.56 SQMT (85.00%)
04	21.83 SQMT	18.66 MT	21.83 SQMT (100%)	18.56 SQMT (85.00%)
05	35.85 SQMT	18.66 MT	35.85 SQMT (100%)	15.05 SQMT (41.98%)
06	36.23 SQMT	18.66 MT	36.23 SQMT (100%)	15.05 SQMT (41.54%)
07	36.23 SQMT	18.66 MT	36.23 SQMT (100%)	15.05 SQMT (41.54%)
08	35.85 SQMT	18.66 MT	35.85 SQMT (100%)	15.05 SQMT (41.98%)

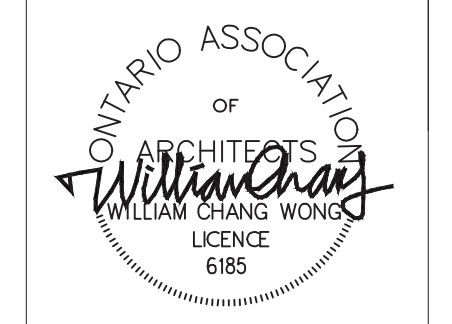


EAST SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
01	63.72 SQMT	22.10 MT	63.72 SQMT (100%)	3.90 SQMT (06.12%)
08	41.59 SQMT	22.10 MT	41.59 SQMT (100%)	7.80 SQMT (18.76%)
09	41.59 SQMT	22.10 MT	41.59 SQMT (100%)	4.83 SQMT (11.61%)

RESIDENTIAL
 COMMERCIAL
 WALL OPENINGS

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1.	23/11/2023	ISSUED FOR ZONING BY LAW AMENDMENT & OFFICIAL PLAN AMENDMENT	
No.	Date	Version	Dwn.

PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
ELEVATIONS
BUILDING-A
(MIXED USE)
 UNIT 1 TO 12

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

A-2.0

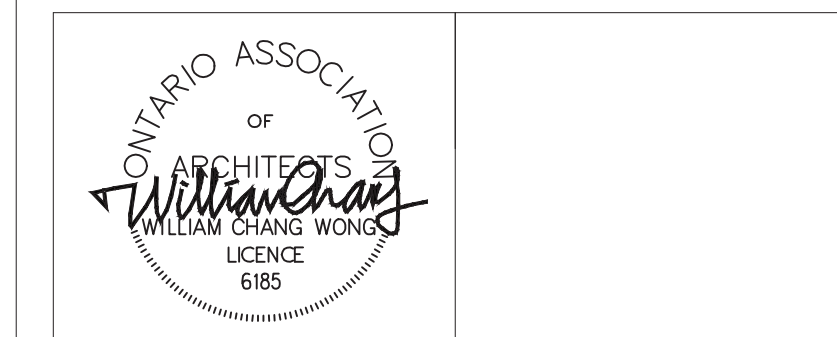


② SOUTH ELEVATION
1 : 75



① NORTH ELEVATION
1 : 75

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No.	Date	Version	Dwn.

PROJECT:
**STACKED TOWNHOMES
DEVELOPMENT**
7301 LUNDY'S LANE
CITY OF NIAGARA FALLS

DRAWING TITLE:
**ELEVATIONS
BUILDING-A
(MIXED USE)**
UNIT 1 TO 12

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

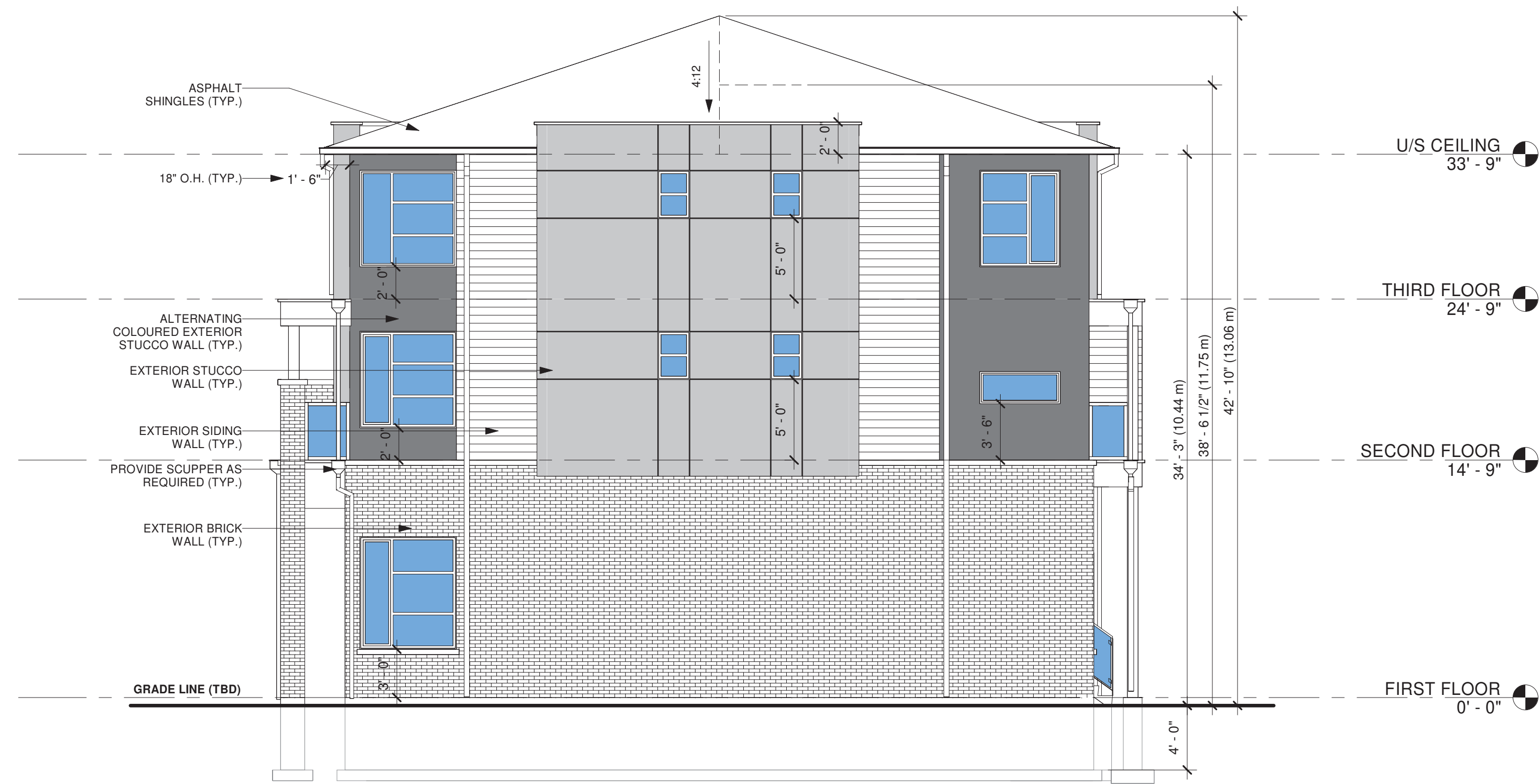
A-2.1



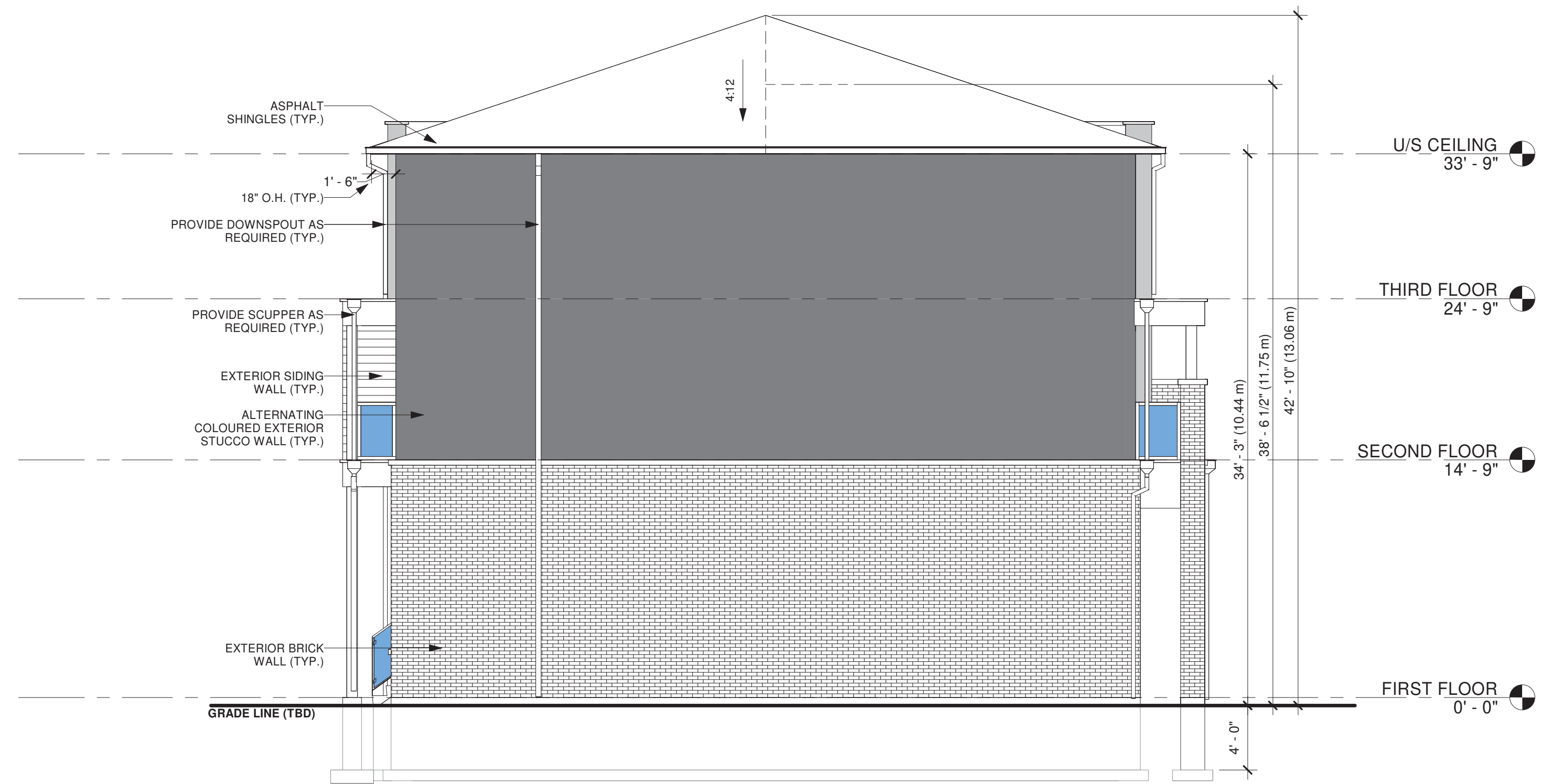
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1 EAST SIDE ELEVATION
1 : 75



2 WEST SIDE ELEVATION
1 : 75



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PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
**ELEVATIONS
BUILDING-A
(MIXED USE)**
 UNIT 1 TO 12

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

A-2.2

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No.	Date	Version	Dwn.

PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

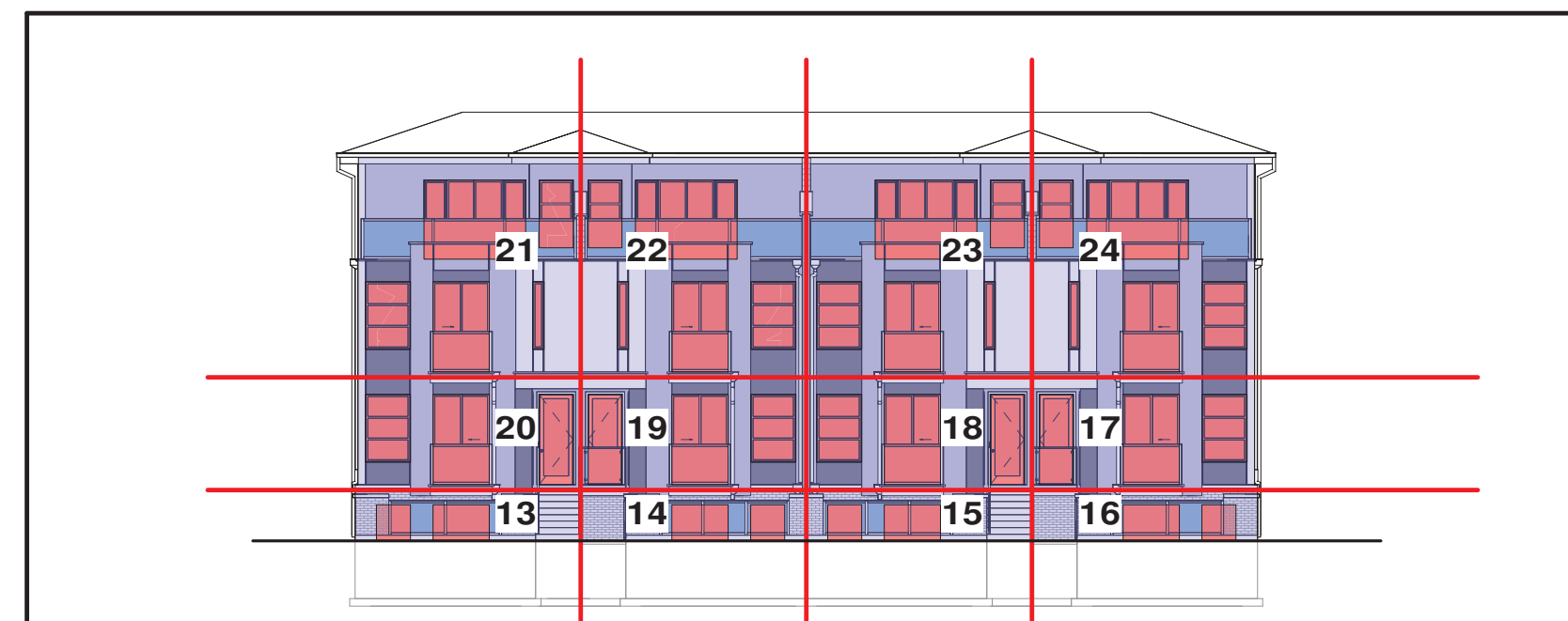
DRAWING TITLE:
ELEVATIONS BUILDING-B (STACKED TOWNHOUSE)
 UNIT 13 TO 24

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

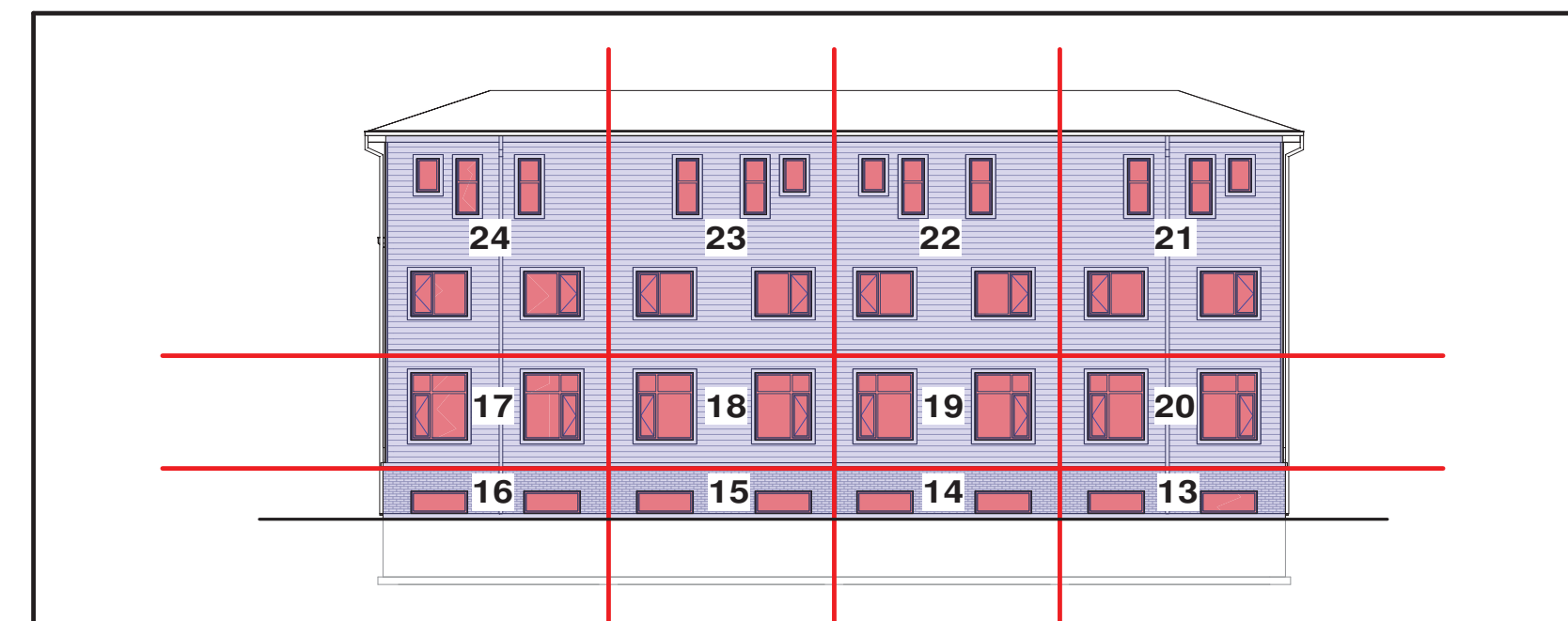
PROJECT NO.: DRAWING NO.:

A-2.3



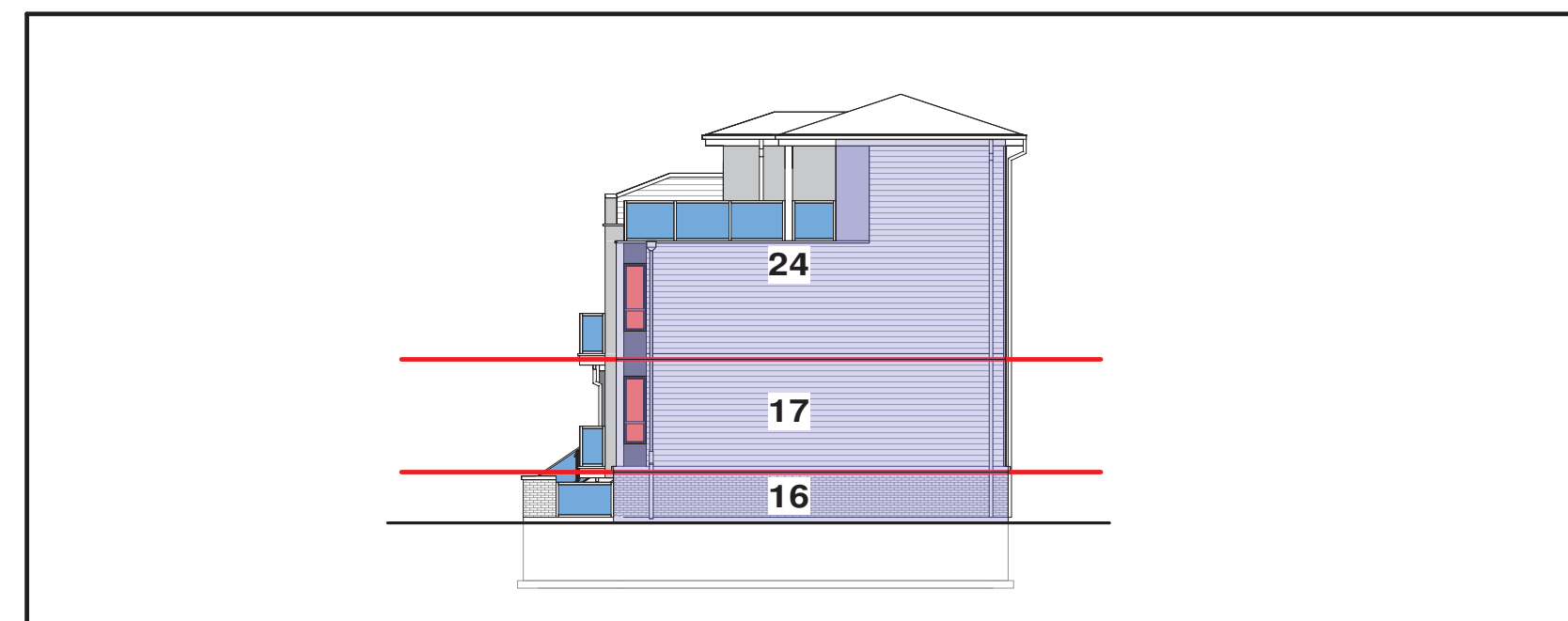
EAST SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
13	08.36 SQMT	33.94 MT	08.36 SQMT (100%)	2.39 SQMT (28.53%)
14	08.36 SQMT	33.94 MT	08.36 SQMT (100%)	2.39 SQMT (28.53%)
15	08.36 SQMT	33.94 MT	08.36 SQMT (100%)	2.39 SQMT (28.53%)
16	08.36 SQMT	33.94 MT	08.36 SQMT (100%)	2.39 SQMT (28.53%)
17	18.36 SQMT	33.94 MT	18.36 SQMT (100%)	8.18 SQMT (44.53%)
18	18.58 SQMT	33.94 MT	18.58 SQMT (100%)	8.18 SQMT (44.00%)
19	18.58 SQMT	33.94 MT	18.58 SQMT (100%)	8.18 SQMT (44.00%)
20	18.36 SQMT	33.94 MT	18.36 SQMT (100%)	8.18 SQMT (44.53%)
21	35.74 SQMT	33.94 MT	35.74 SQMT (100%)	14.03 SQMT (39.25%)
22	36.23 SQMT	33.94 MT	36.23 SQMT (100%)	14.03 SQMT (38.72%)
23	36.23 SQMT	33.94 MT	36.23 SQMT (100%)	14.03 SQMT (38.72%)
24	35.74 SQMT	33.94 MT	35.74 SQMT (100%)	14.03 SQMT (39.25%)



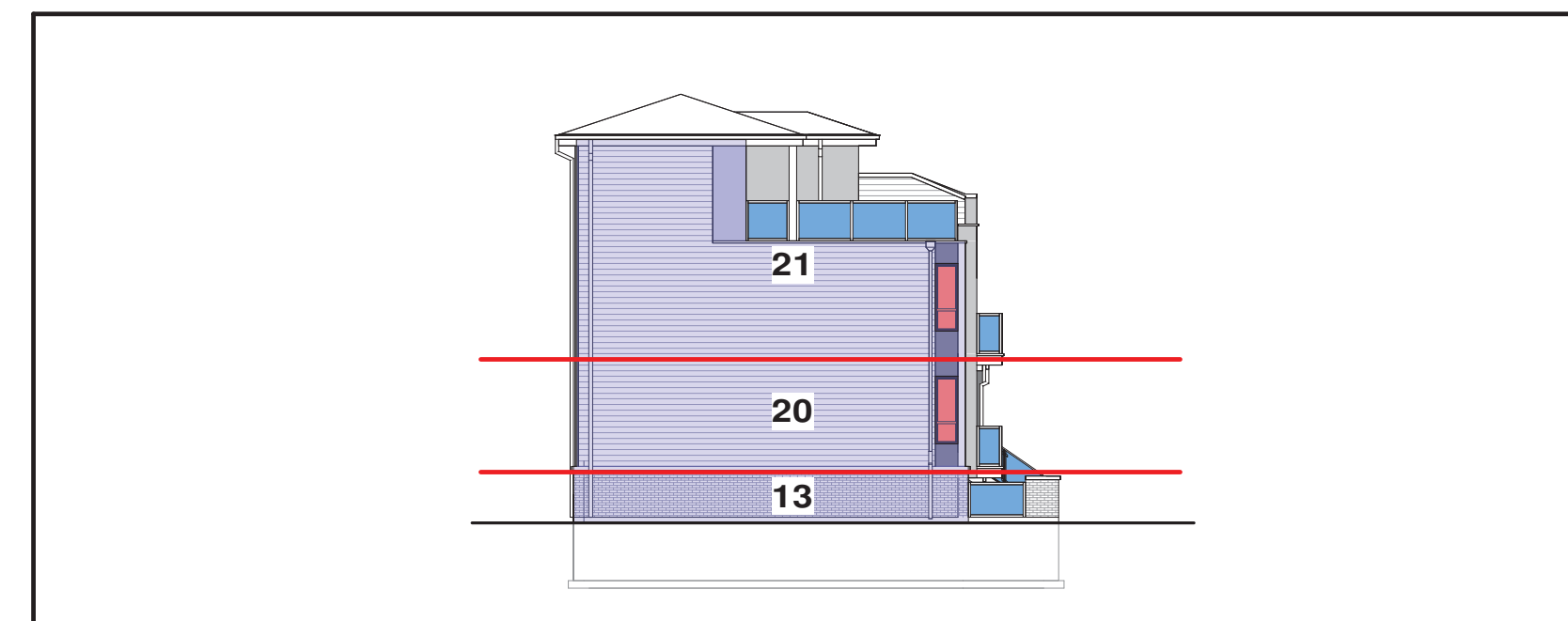
WEST SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
13	08.36 SQMT	4.50 MT	08.11 SQMT (97.00%)	1.86 SQMT (22.22%)
14	08.36 SQMT	4.50 MT	08.11 SQMT (97.00%)	1.86 SQMT (22.22%)
15	08.36 SQMT	4.50 MT	08.11 SQMT (97.00%)	1.86 SQMT (22.22%)
16	08.36 SQMT	4.50 MT	08.11 SQMT (97.00%)	1.86 SQMT (22.22%)
17	18.36 SQMT	4.50 MT	11.89 SQMT (64.75%)	5.57 SQMT (30.36%)
18	18.58 SQMT	4.50 MT	12.03 SQMT (64.75%)	5.57 SQMT (30.00%)
19	18.58 SQMT	4.50 MT	12.03 SQMT (64.75%)	5.57 SQMT (30.00%)
20	18.58 SQMT	4.50 MT	11.89 SQMT (64.75%)	5.57 SQMT (30.36%)
21	35.78 SQMT	4.50 MT	14.76 SQMT (41.25%)	6.13 SQMT (17.14%)
22	36.23 SQMT	4.50 MT	14.95 SQMT (41.25%)	6.13 SQMT (16.92%)
23	36.23 SQMT	4.50 MT	14.95 SQMT (41.25%)	6.13 SQMT (16.92%)
24	35.78 SQMT	4.50 MT	14.76 SQMT (41.25%)	6.13 SQMT (17.14%)



NORTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
16	14.63 SQMT	1.22 MT	01.17 SQMT (08.00%)	/ SQMT (%)
17	32.08 SQMT	1.22 MT	02.25 SQMT (07.00%)	1.12 SQMT (03.48%)
24	48.23 SQMT	1.22 MT	03.24 SQMT (07.00%)	1.12 SQMT (02.41%)



SOUTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
13	14.63 SQMT	1.22 MT	01.17 SQMT (8.00%)	/ SQMT (%)
20	32.08 SQMT	1.22 MT	02.25 SQMT (7.00%)	1.12 SQMT (03.48%)
21	48.23 SQMT	1.22 MT	03.24 SQMT (7.00%)	1.12 SQMT (02.41%)



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① EAST SIDE ELEVATION
1:75



② WEST SIDE ELEVATION
1:75



FOR INFORMATION ONLY

No.	Date	Version	Dwn.
1.	23/11/2023	ISSUED FOR ZONING BY LAW AMENDMENT & OFFICIAL PLAN AMENDMENT	

PROJECT:

**STACKED TOWNHOMES
DEVELOPMENT**

7301 LUNDY'S LANE
CITY OF NIAGARA FALLS

DRAWING TITLE:

**ELEVATIONS
BUILDING-B
(STACKED
TOWNHOUSE)**
UNIT 13 TO 24

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

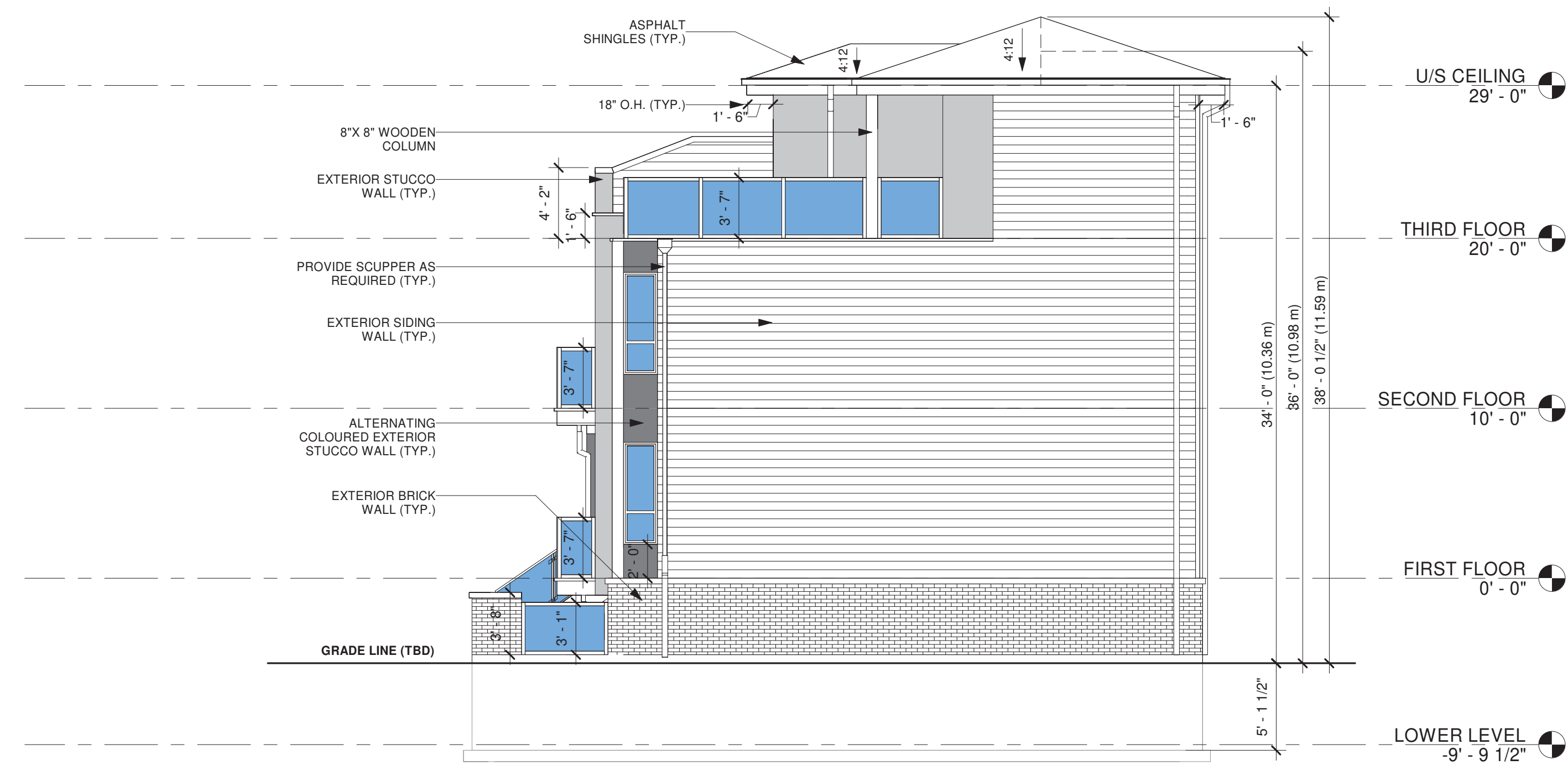
A-2.4



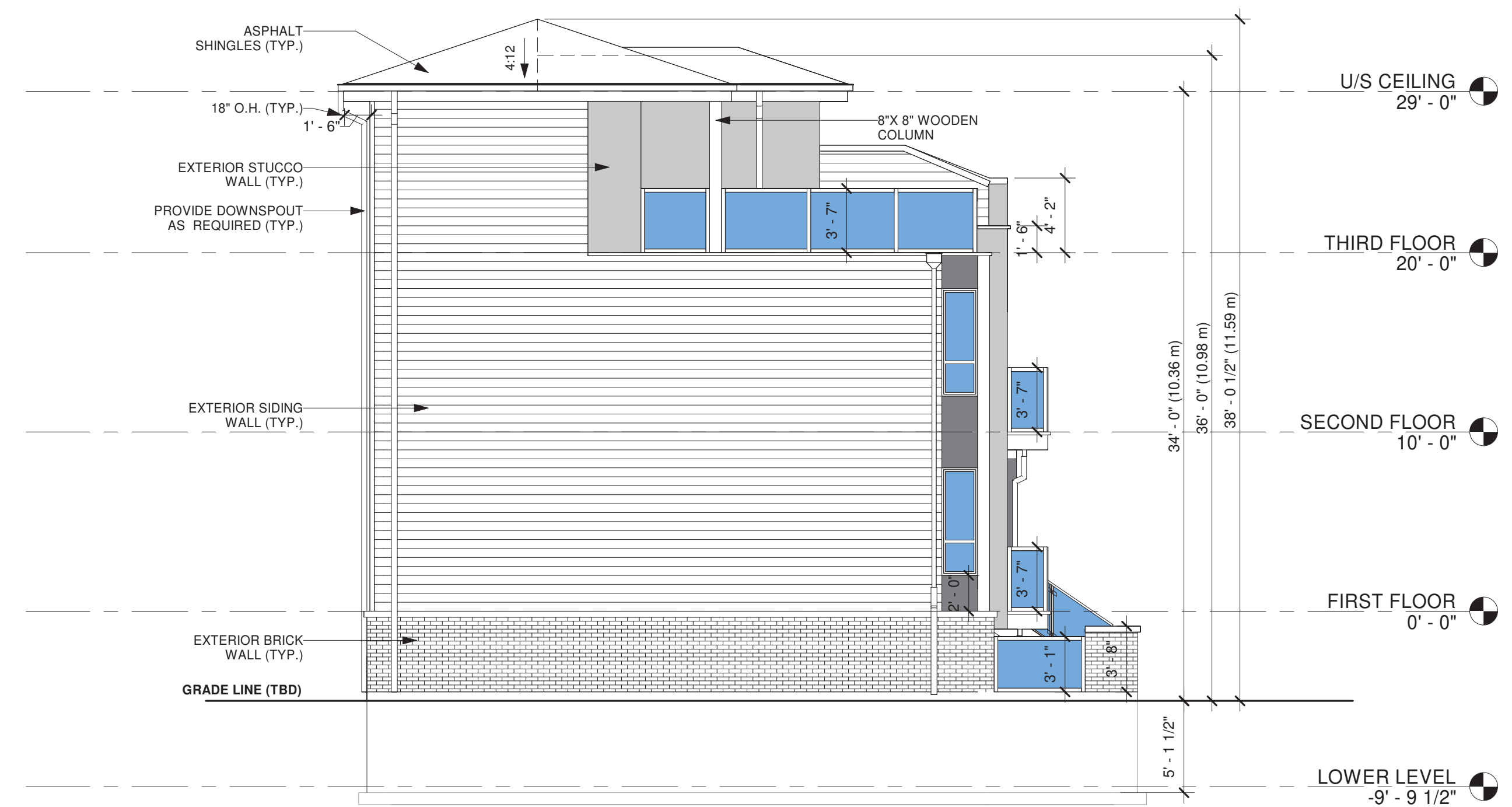
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① NORTH ELEVATION
1 : 75



② SOUTH ELEVATION
1 : 75



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No.	Date	Version	Dwn.
1.	23/11/2023	ISSUED FOR ZONING BY LAW AMENDMENT & OFFICIAL PLAN AMENDMENT	

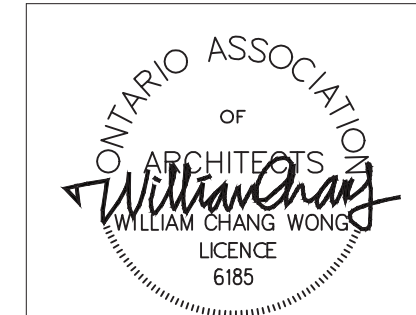
PROJECT:
**STACKED TOWNHOMES
DEVELOPMENT**
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
**ELEVATIONS
BUILDING-B
(STACKED
TOWNHOUSE)**
 UNIT 13 TO 24

DRAWN BY: SS	DATE:
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PROJECT NO.:	DRAWING NO.:

A-2.5

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No.	Date	Version	Dwn.

PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

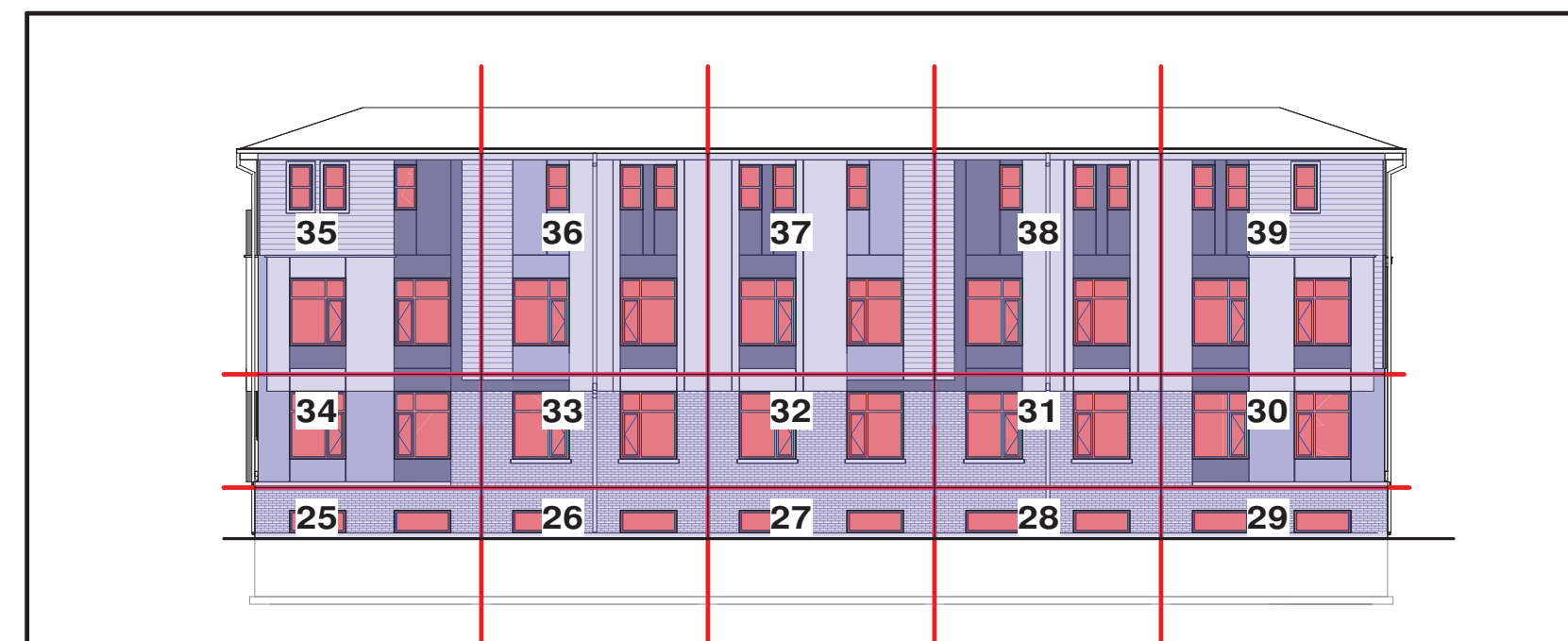
DRAWING TITLE:
ELEVATIONS BUILDING-C (STACKED TOWNHOUSE)
 UNIT 25 TO 39

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

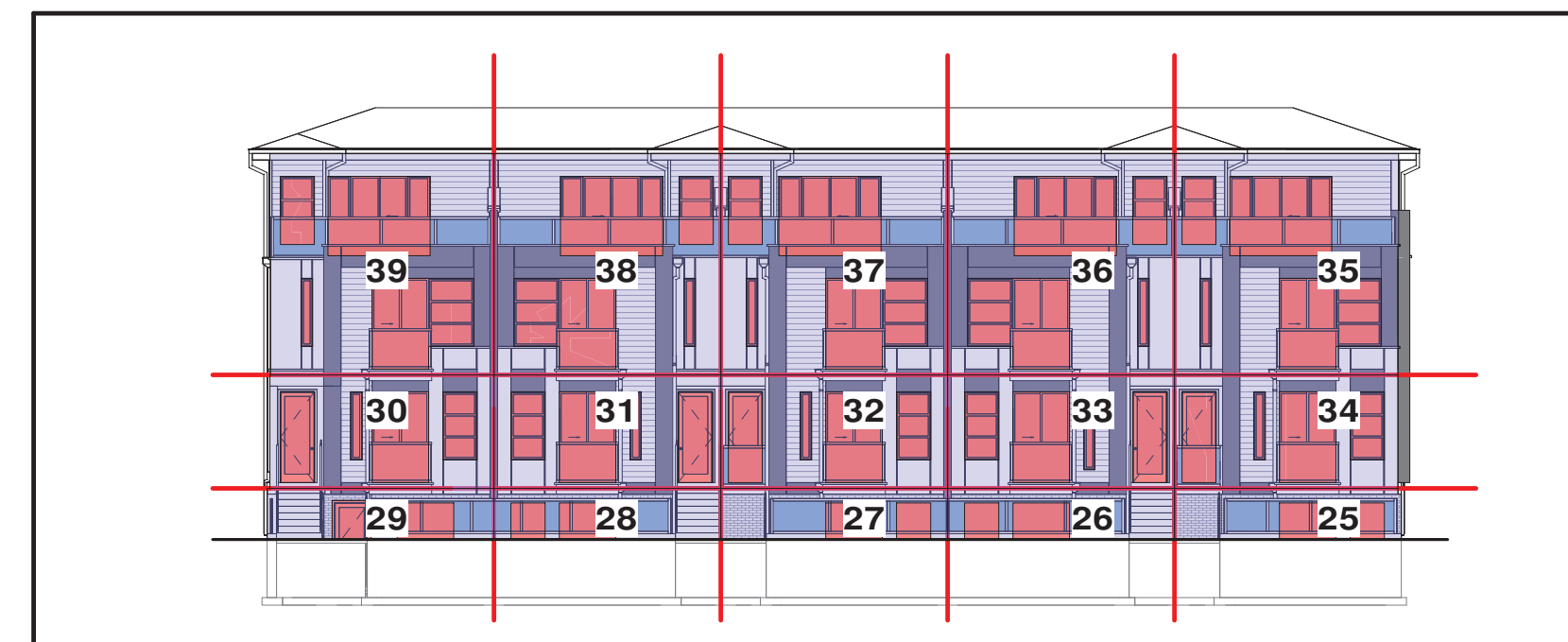
PROJECT NO.: DRAWING NO.:

A-2.6



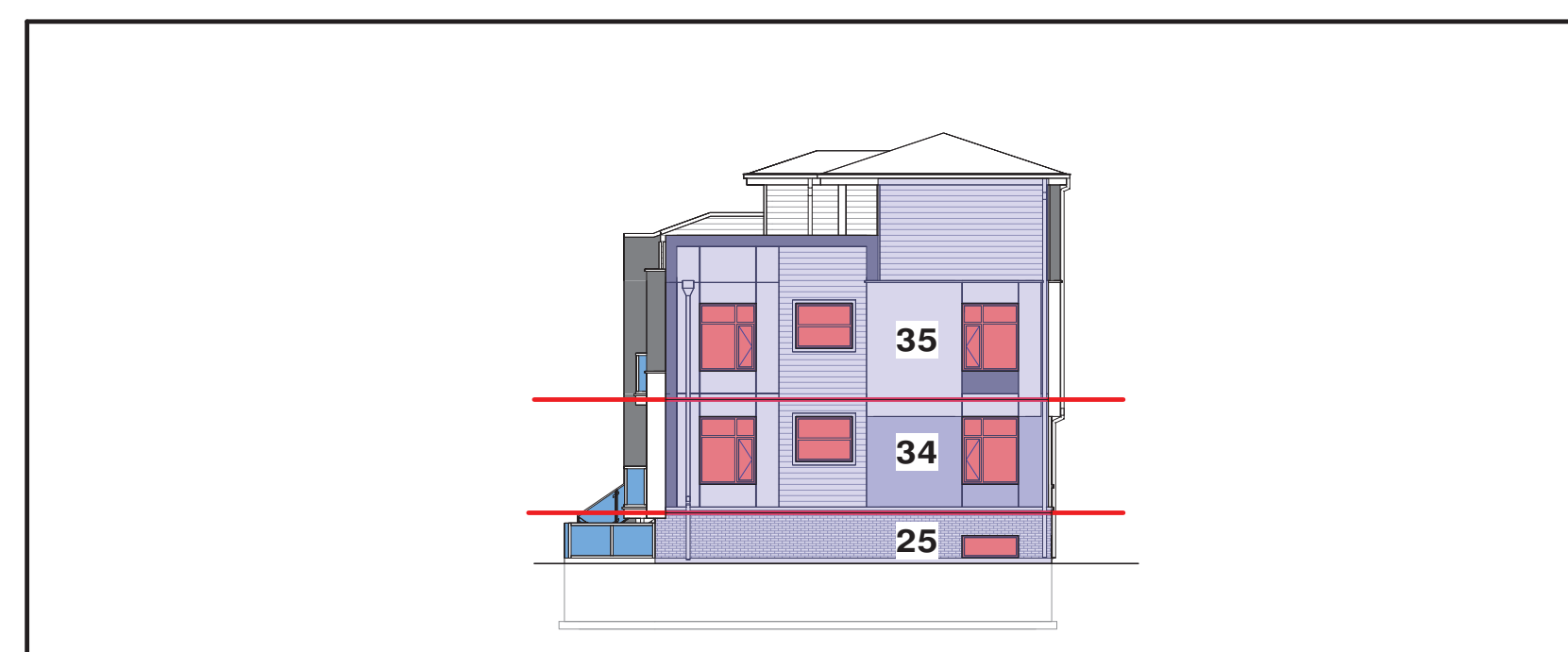
NORTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
25	08.36 SQMT	10.69 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
26	08.36 SQMT	10.69 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
27	08.36 SQMT	10.69 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
28	08.36 SQMT	10.69 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
29	08.36 SQMT	10.69 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
30	18.32 SQMT	10.69 MT	18.32 SQMT (100%)	5.57 SQMT (30.42%)
31	18.58 SQMT	10.69 MT	18.58 SQMT (100%)	5.57 SQMT (30.00%)
32	18.58 SQMT	10.69 MT	18.58 SQMT (100%)	5.57 SQMT (30.00%)
33	18.58 SQMT	10.69 MT	18.58 SQMT (100%)	5.57 SQMT (30.00%)
34	18.32 SQMT	10.69 MT	18.32 SQMT (100%)	5.57 SQMT (30.42%)
35	35.74 SQMT	10.69 MT	35.74 SQMT (100%)	7.80 SQMT (21.84%)
36	36.23 SQMT	10.69 MT	36.23 SQMT (100%)	7.80 SQMT (21.54%)
37	36.23 SQMT	10.69 MT	36.23 SQMT (100%)	7.80 SQMT (21.54%)
38	36.23 SQMT	10.69 MT	36.23 SQMT (100%)	7.80 SQMT (21.54%)
39	35.78 SQMT	10.69 MT	35.78 SQMT (100%)	7.80 SQMT (21.81%)



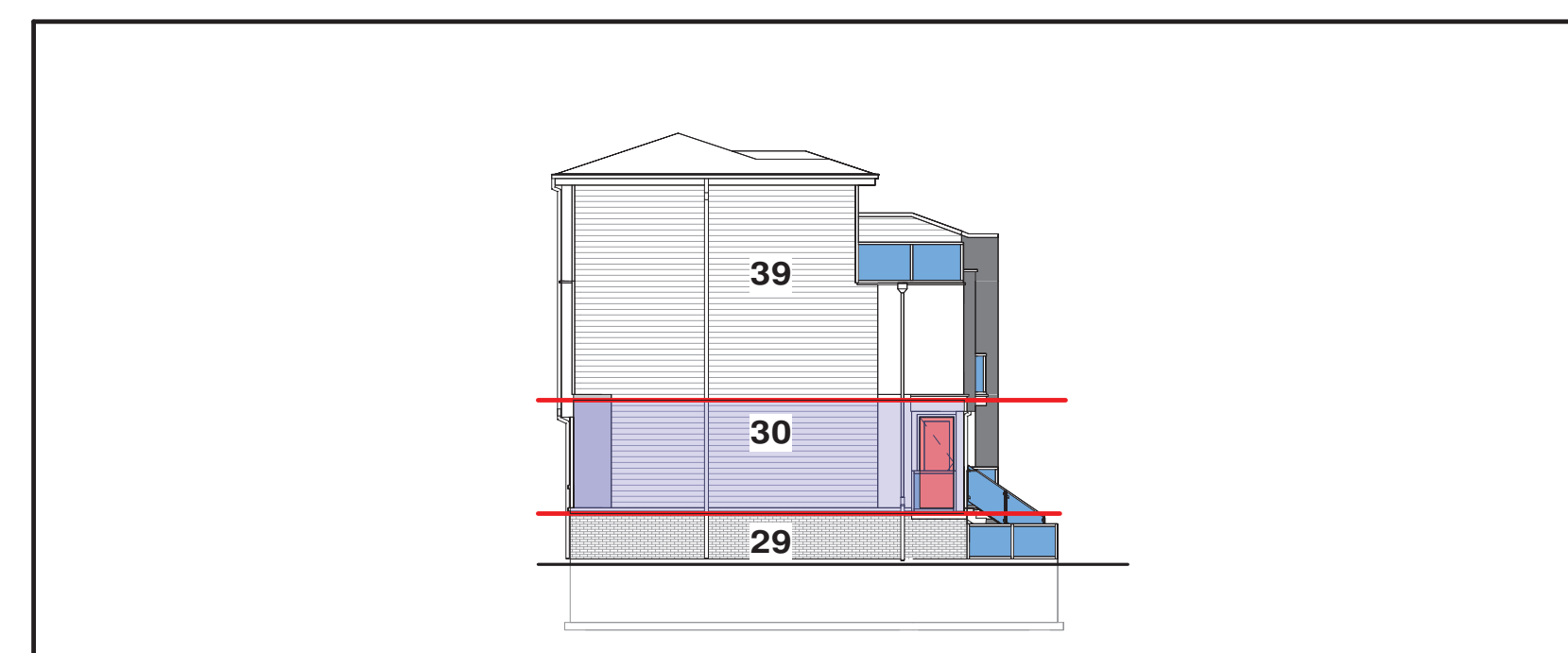
SOUTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
25	08.35 SQMT	4.72 MT	08.12 SQMT (97.25%)	2.39 SQMT (28.57%)
26	08.36 SQMT	4.72 MT	08.13 SQMT (97.25%)	2.39 SQMT (28.53%)
27	08.36 SQMT	4.72 MT	08.13 SQMT (97.25%)	2.39 SQMT (28.53%)
28	08.36 SQMT	4.72 MT	08.13 SQMT (97.25%)	2.39 SQMT (28.53%)
29	08.36 SQMT	4.72 MT	08.13 SQMT (97.25%)	2.60 SQMT (31.04%)
30	18.35 SQMT	4.72 MT	14.19 SQMT (77.31%)	8.18 SQMT (44.56%)
31	18.58 SQMT	4.72 MT	14.47 SQMT (77.31%)	8.18 SQMT (44.00%)
32	18.58 SQMT	4.72 MT	14.47 SQMT (77.31%)	8.18 SQMT (44.00%)
33	18.58 SQMT	4.72 MT	14.47 SQMT (77.31%)	8.18 SQMT (44.00%)
34	18.31 SQMT	4.72 MT	14.16 SQMT (77.31%)	8.18 SQMT (44.65%)
35	35.74 SQMT	4.72 MT	15.57 SQMT (43.56%)	14.03 SQMT (39.26%)
36	36.23 SQMT	4.72 MT	15.78 SQMT (43.56%)	14.03 SQMT (38.72%)
37	36.23 SQMT	4.72 MT	15.78 SQMT (43.56%)	14.03 SQMT (38.72%)
38	36.23 SQMT	4.72 MT	15.78 SQMT (43.56%)	14.03 SQMT (38.72%)
39	35.74 SQMT	4.72 MT	15.78 SQMT (43.56%)	14.03 SQMT (39.25%)



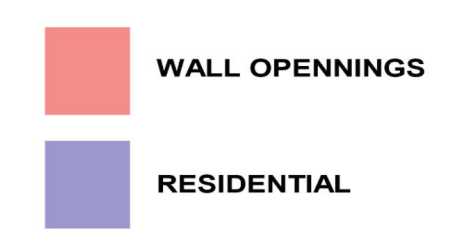
EAST SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
25	14.59 SQMT	16.29 MT	14.59 SQMT (100.00%)	0.93 SQMT (06.37%)
34	31.41 SQMT	16.29 MT	31.41 SQMT (100.00%)	7.43 SQMT (23.66%)
35	52.54 SQMT	16.29 MT	52.54 SQMT (100.00%)	7.43 SQMT (14.14%)



WEST SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
30	31.99 SQMT	2.46 MT	04.64 SQMT (14.50%)	2.23 SQMT (06.97%)





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① SOUTH ELEVATION
1:75



② NORTH ELEVATION
1:75



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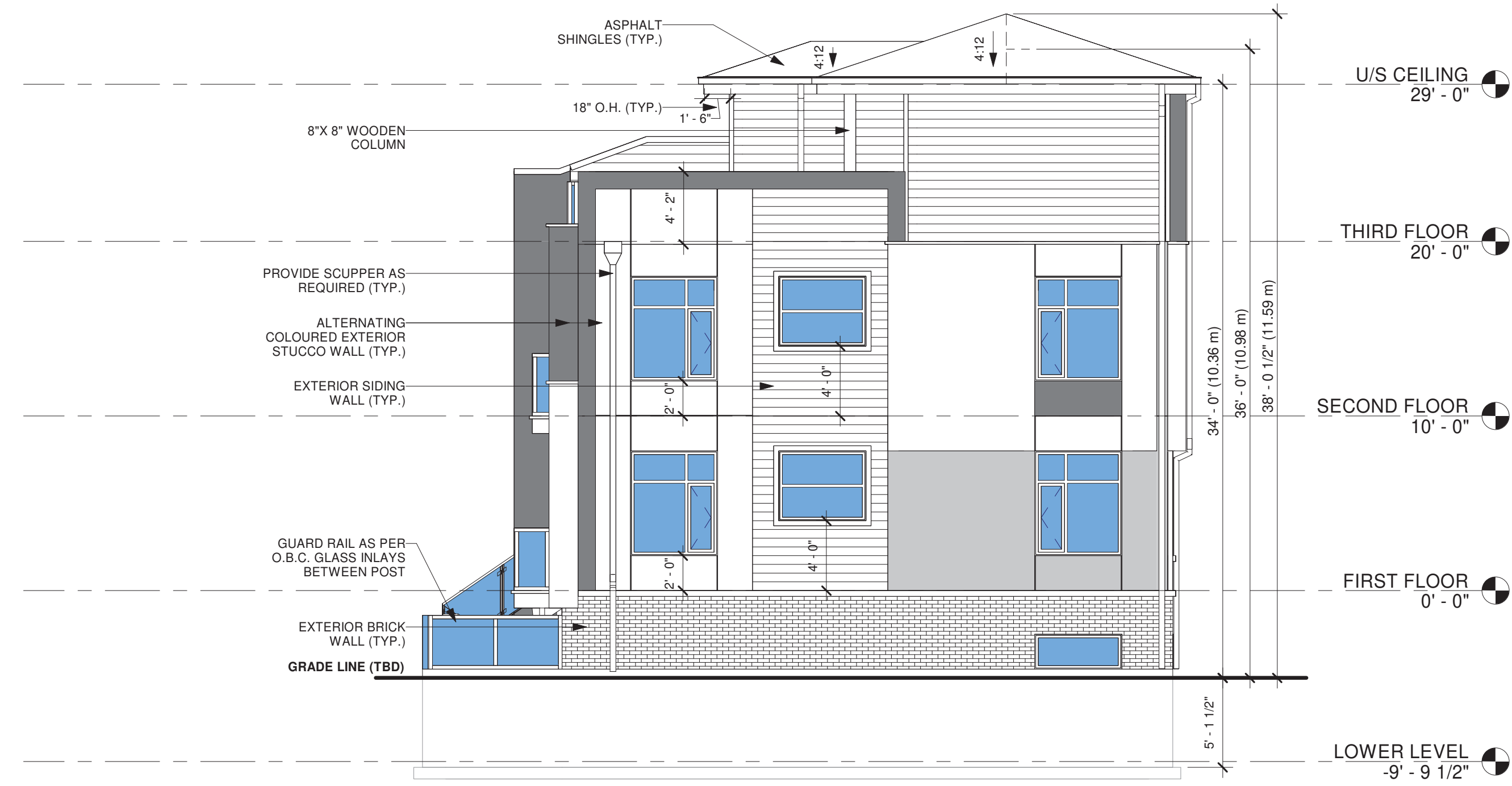
PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
ELEVATIONS BUILDING-C (STACKED TOWNHOUSE)
 UNIT 25 TO 39

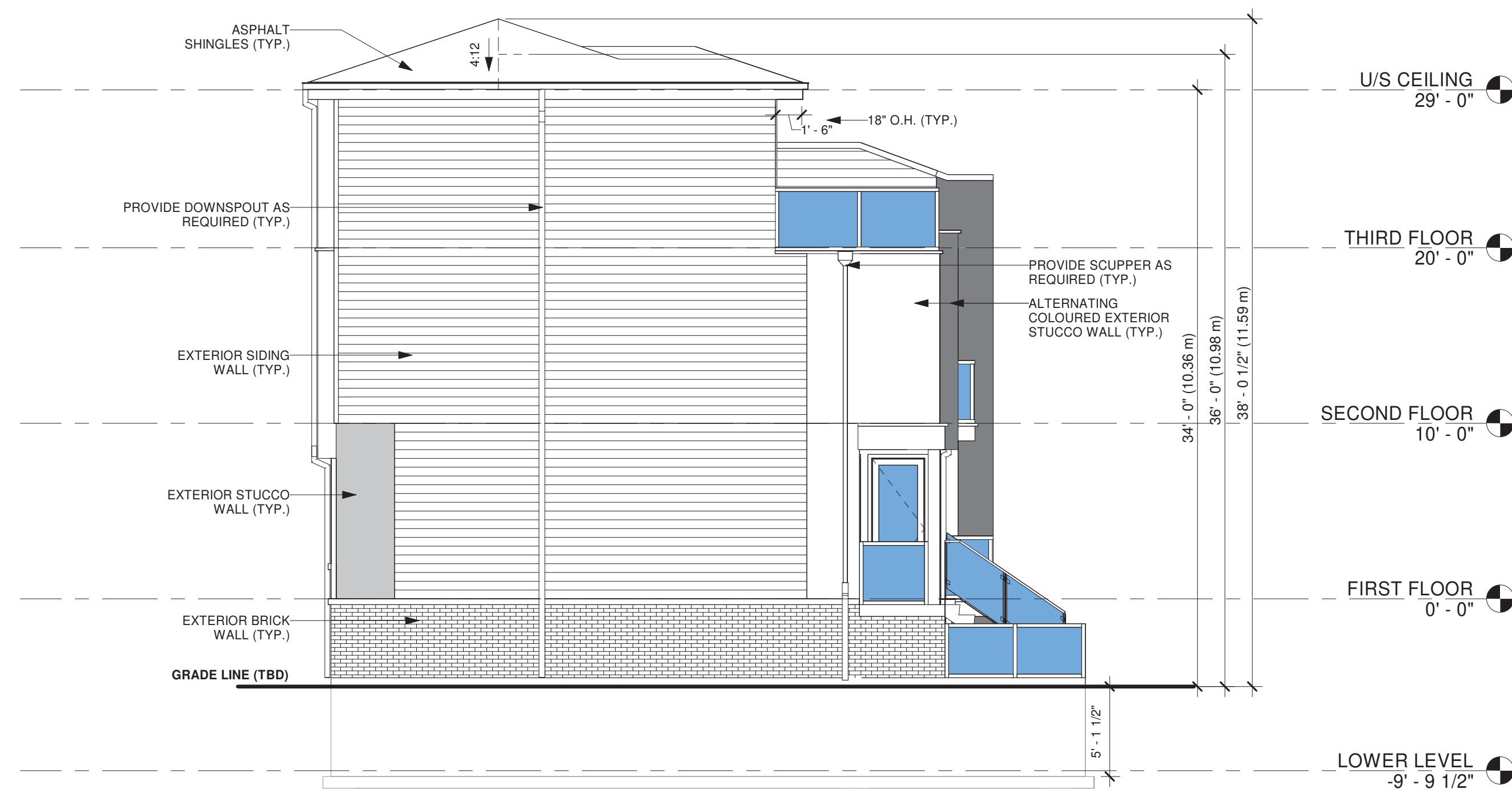
DRAWN BY: SS DATE: _____
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PROJECT NO.: _____ DRAWING NO.:
A-2.7

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② EAST ELEVATION
 1 : 75



① WEST ELEVATION
 1 : 75



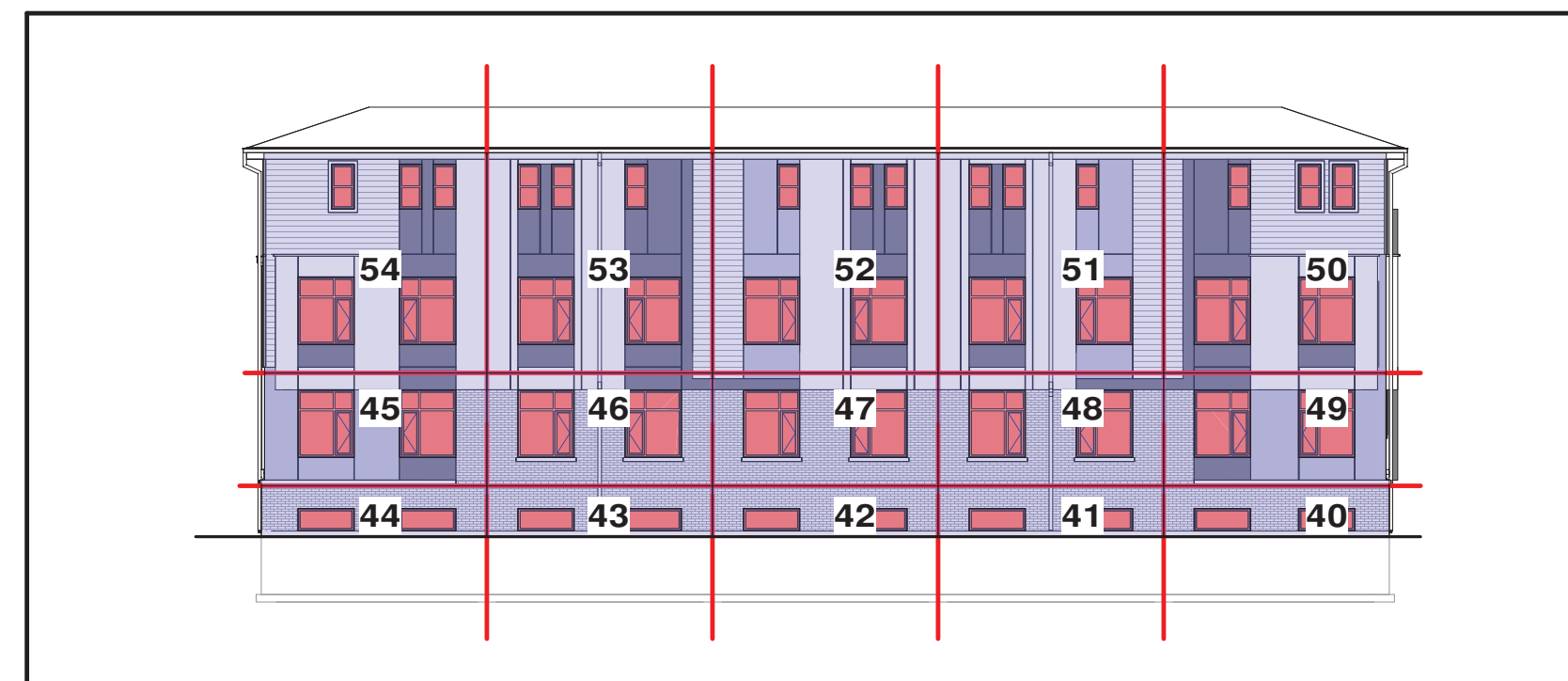
FOR INFORMATION ONLY

No.	Date	Version	Dwn.
1.	23/11/2023	ISSUED FOR ZONING BY LAW AMENDMENT & OFFICIAL PLAN AMENDMENT	

PROJECT:
**STACKED TOWNHOMES
 DEVELOPMENT**
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

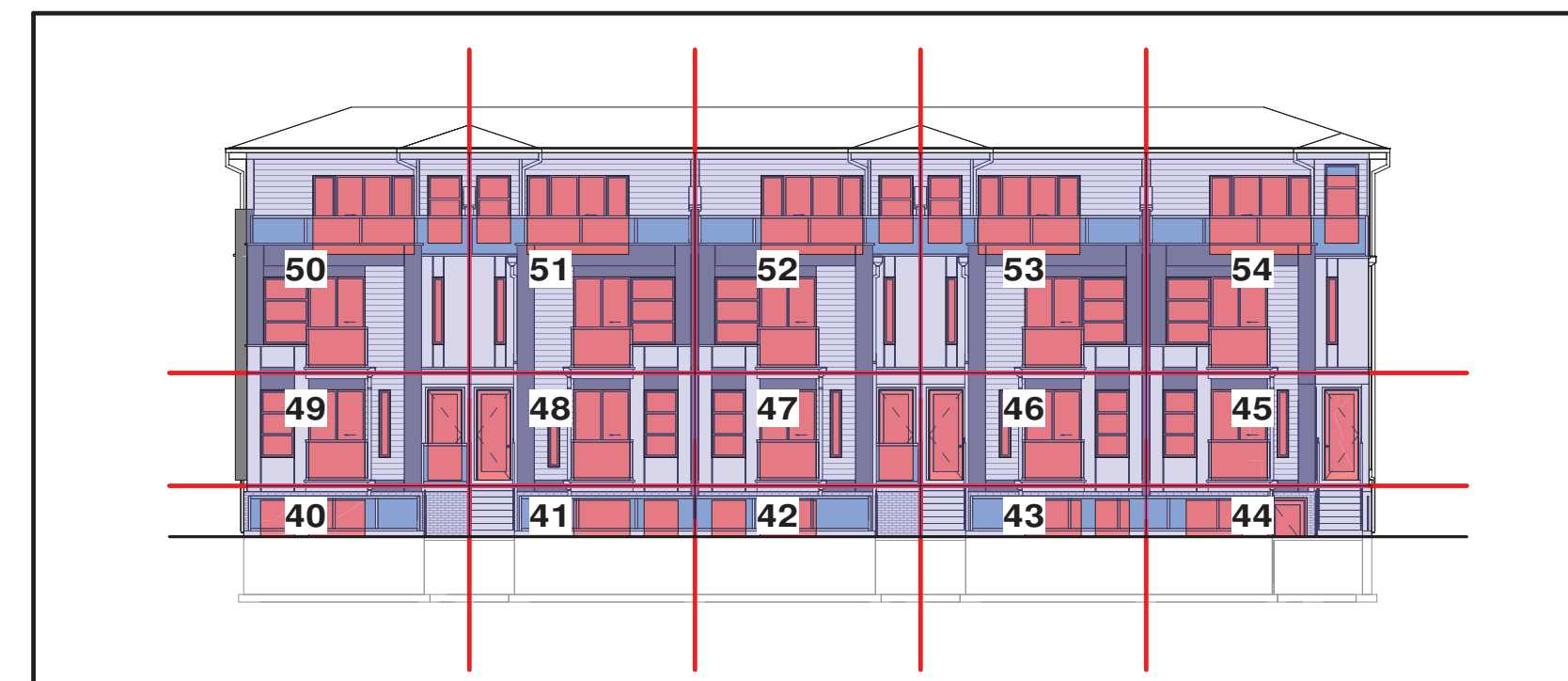
DRAWING TITLE:
**ELEVATIONS
 BUILDING-C
 (STACKED
 TOWNHOUSE)**
 UNIT 25 TO 39

DRAWN BY: SS	DATE:
CHECKED BY:	SCALE: AS NOTED
PROJECT NO.:	DRAWING NO.:
	A-2.8



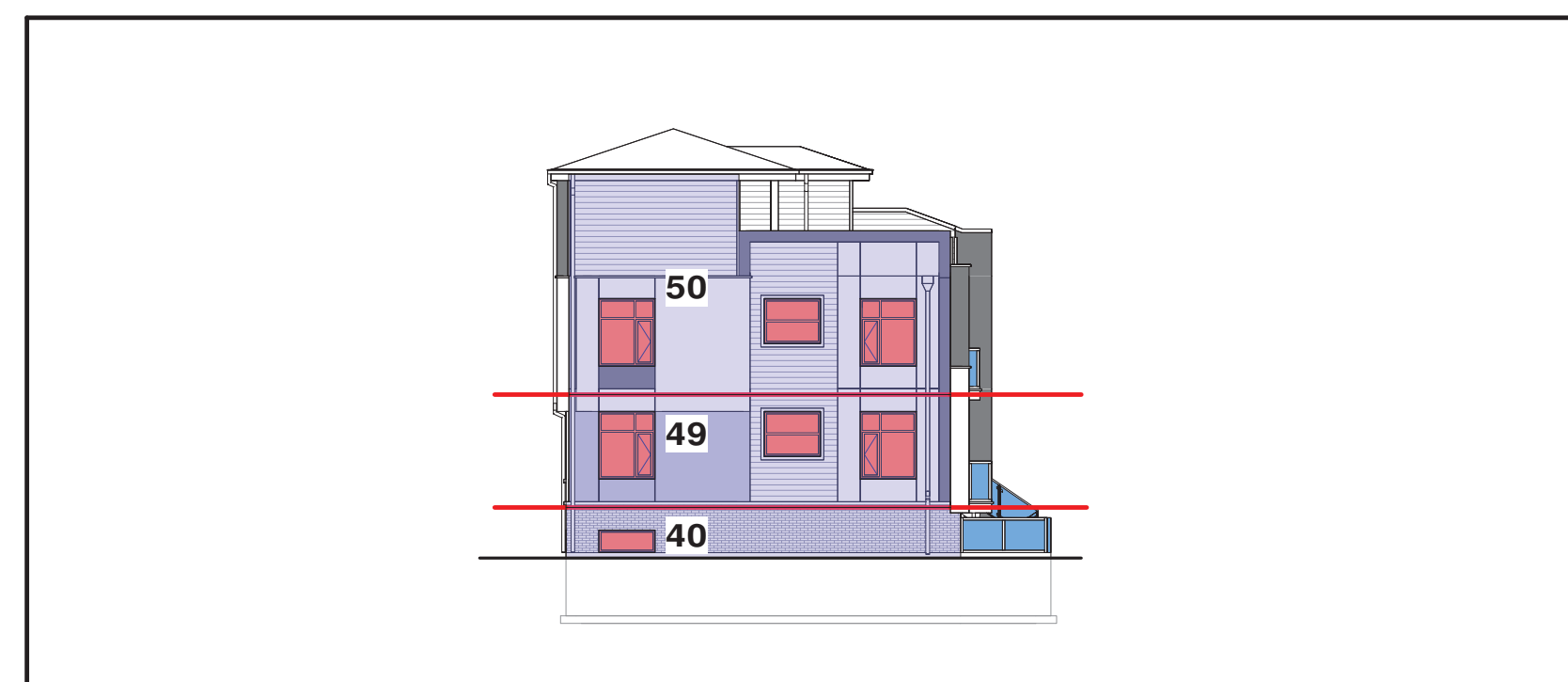
SOUTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
40	08.36 SQMT	10.67 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
41	08.36 SQMT	10.67 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
42	08.36 SQMT	10.67 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
43	08.36 SQMT	10.67 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
44	08.36 SQMT	10.67 MT	08.36 SQMT (100%)	1.86 SQMT (22.22%)
45	18.32 SQMT	10.67 MT	18.32 SQMT (100%)	5.57 SQMT (30.42%)
46	18.58 SQMT	10.67 MT	18.58 SQMT (100%)	5.57 SQMT (30.00%)
47	18.58 SQMT	10.67 MT	18.58 SQMT (100%)	5.57 SQMT (30.00%)
48	18.58 SQMT	10.67 MT	18.58 SQMT (100%)	5.57 SQMT (30.00%)
49	18.32 SQMT	10.67 MT	18.32 SQMT (100%)	5.57 SQMT (30.42%)
50	35.74 SQMT	10.67 MT	35.74 SQMT (100%)	7.80 SQMT (21.84%)
51	36.23 SQMT	10.67 MT	36.23 SQMT (100%)	7.80 SQMT (21.54%)
52	36.23 SQMT	10.67 MT	36.23 SQMT (100%)	7.80 SQMT (21.54%)
53	36.23 SQMT	10.67 MT	36.23 SQMT (100%)	7.80 SQMT (21.54%)
54	35.78 SQMT	10.67 MT	35.78 SQMT (100%)	7.80 SQMT (21.81%)



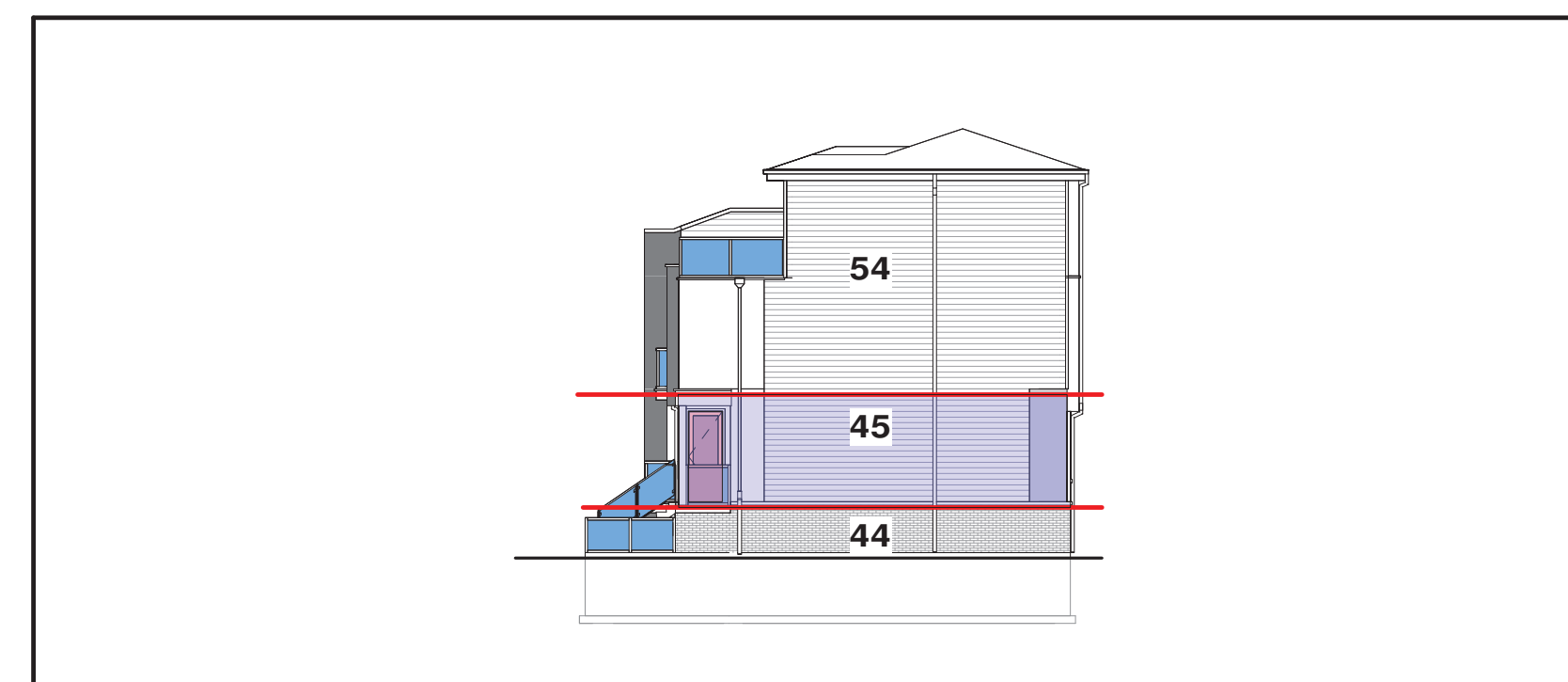
NORTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
40	08.35 SQMT	3.78 MT	07.16 SQMT (85.75%)	2.39 SQMT (28.57%)
41	08.36 SQMT	3.78 MT	07.17 SQMT (85.75%)	2.39 SQMT (28.53%)
42	08.36 SQMT	3.78 MT	07.17 SQMT (85.75%)	2.39 SQMT (28.53%)
43	08.36 SQMT	3.78 MT	07.17 SQMT (85.75%)	2.39 SQMT (28.53%)
44	08.36 SQMT	3.78 MT	07.17 SQMT (85.75%)	2.60 SQMT (31.04%)
45	18.35 SQMT	3.78 MT	08.67 SQMT (47.25%)	8.18 SQMT (44.56%)
46	18.58 SQMT	3.78 MT	08.78 SQMT (47.25%)	8.18 SQMT (44.00%)
47	18.58 SQMT	3.78 MT	08.78 SQMT (47.25%)	8.18 SQMT (44.00%)
48	18.58 SQMT	3.78 MT	08.78 SQMT (47.25%)	8.18 SQMT (44.00%)
49	18.31 SQMT	3.78 MT	08.65 SQMT (47.25%)	8.18 SQMT (44.65%)
50	35.74 SQMT	3.78 MT	10.36 SQMT (29.00%)	10.36 SQMT (29.00%)
51	36.23 SQMT	3.78 MT	10.51 SQMT (29.00%)	10.51 SQMT (29.00%)
52	36.23 SQMT	3.78 MT	10.51 SQMT (29.00%)	10.51 SQMT (29.00%)
53	36.23 SQMT	3.78 MT	10.51 SQMT (29.00%)	10.51 SQMT (29.00%)
54	35.74 SQMT	3.78 MT	10.36 SQMT (29.00%)	10.36 SQMT (29.00%)



EAST SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
40	14.59 SQMT	16.41 MT	14.59 SQMT (100.00%)	0.93 SQMT (06.37%)
49	31.41 SQMT	16.41 MT	31.41 SQMT (100.00%)	7.43 SQMT (23.66%)
50	52.54 SQMT	16.41 MT	52.54 SQMT (100.00%)	7.43 SQMT (14.14%)



WEST SIDE OPENING CALCULATION

%UNPROTECTED OPENING				
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
45	31.99 SQMT	2.46 MT	04.64 SQMT (14.50%)	2.23 SQMT (06.97%)

■ WALL OPENINGS
■ RESIDENTIAL

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No.	Date	Version	Dwn.

PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
ELEVATIONS BUILDING-D (STACKED TOWNHOUSE)
 UNIT 40 TO 54

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

A-2.9

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① NORTH ELEVATION
1:75



② SOUTH ELEVATION
1:75



FOR INFORMATION ONLY

No.	Date	Version	Dwn.
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PROJECT:
**STACKED TOWNHOMES
DEVELOPMENT**
7301 LUNDY'S LANE
CITY OF NIAGARA FALLS

DRAWING TITLE:
**ELEVATIONS
BUILDING-D
(STACKED
TOWNHOUSE)**
UNIT 40 TO 54

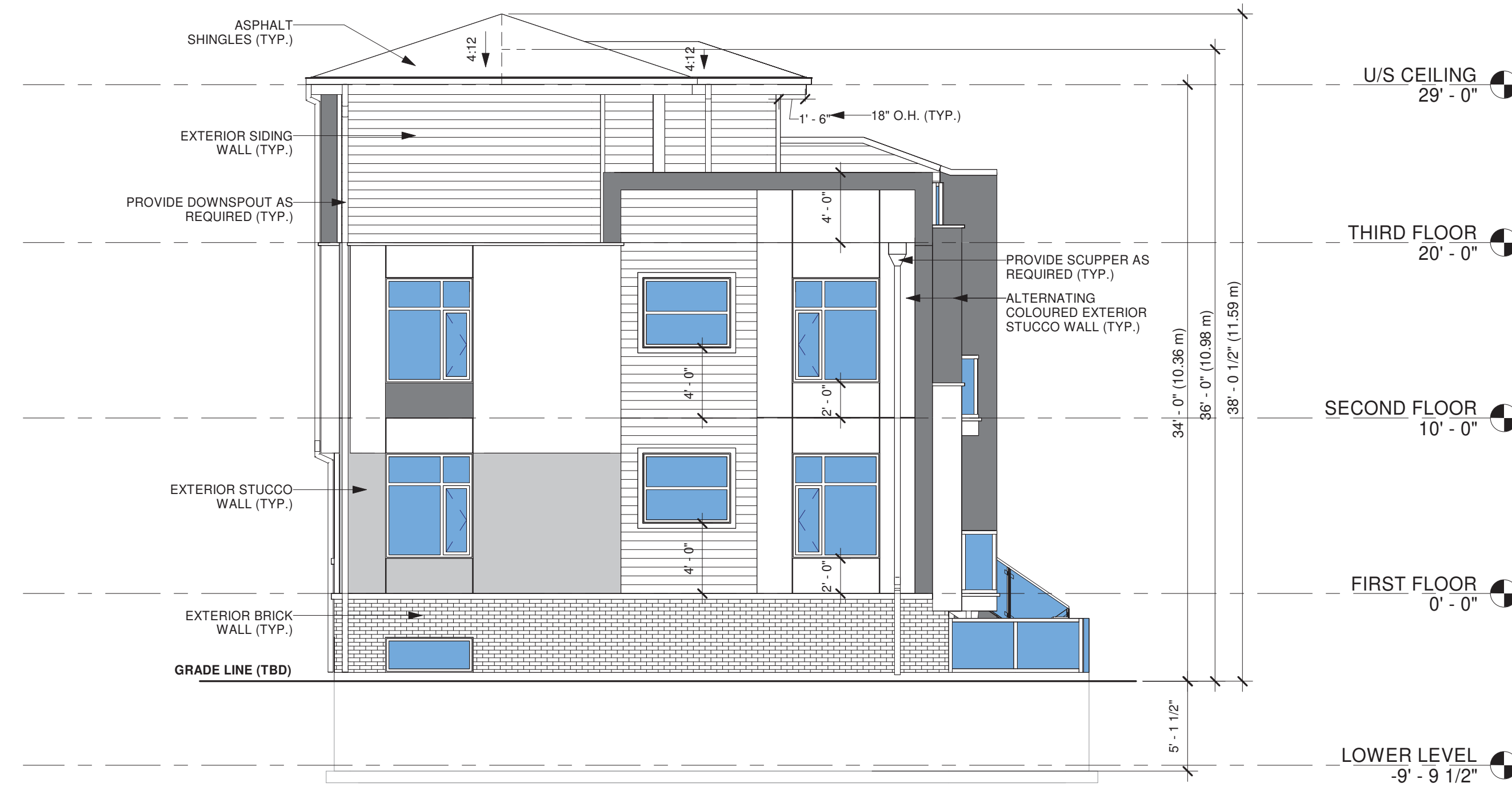
DRAWN BY: SS	DATE:
CHECKED BY:	SCALE: AS NOTED
PROJECT NO.:	DRAWING NO.:
	A-2.10



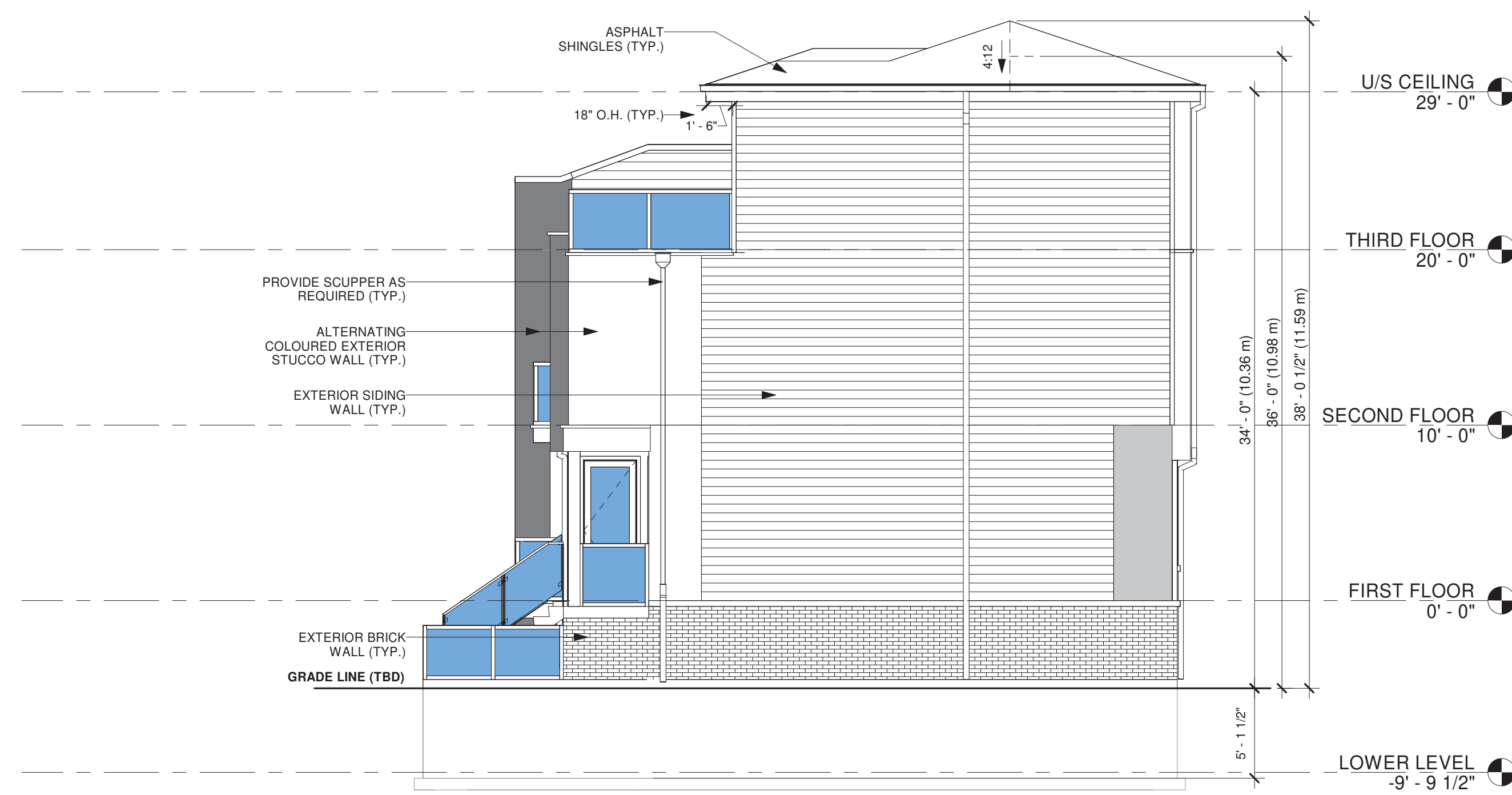
**J.H. COHOON
ENGINEERING
LIMITED**
CONSULTING ENGINEERS

440 HARDY ROAD, UNIT #1, BRANTFORD - ONTARIO, N3T 5L8
 TEL: (519) 753-2956 FAX: (519) 753-4263 www.cohooneg.com

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2 EAST ELEVATION
1 : 75



1 WEST ELEVATION
1 : 75



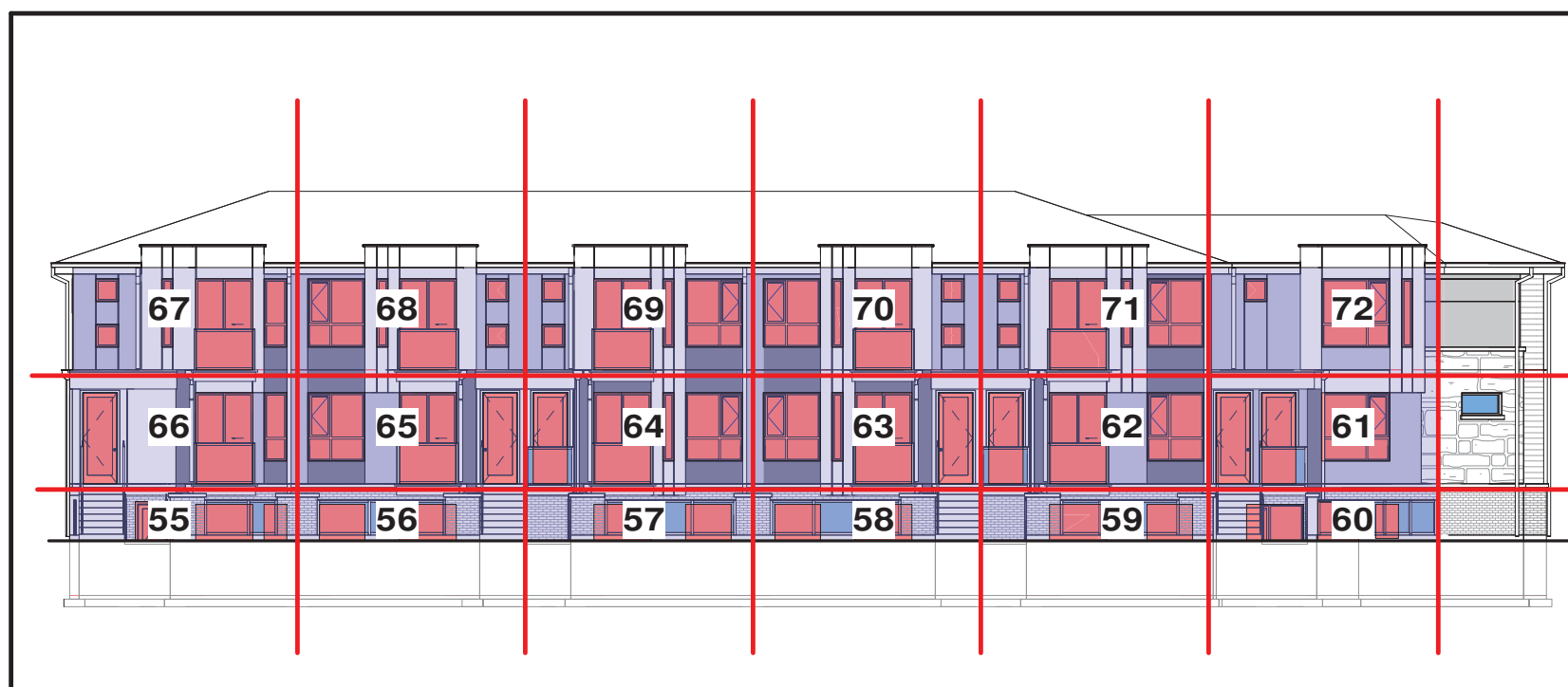
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1.	23/11/2023	ISSUED FOR ZONING BY LAW AMENDMENT & OFFICIAL PLAN AMENDMENT	
No.	Date	Version	Dwn.

PROJECT:
**STACKED TOWNHOMES
DEVELOPMENT**
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
**ELEVATIONS
BUILDING-D
(STACKED
TOWNHOUSE)**
 UNIT 49 TO 54

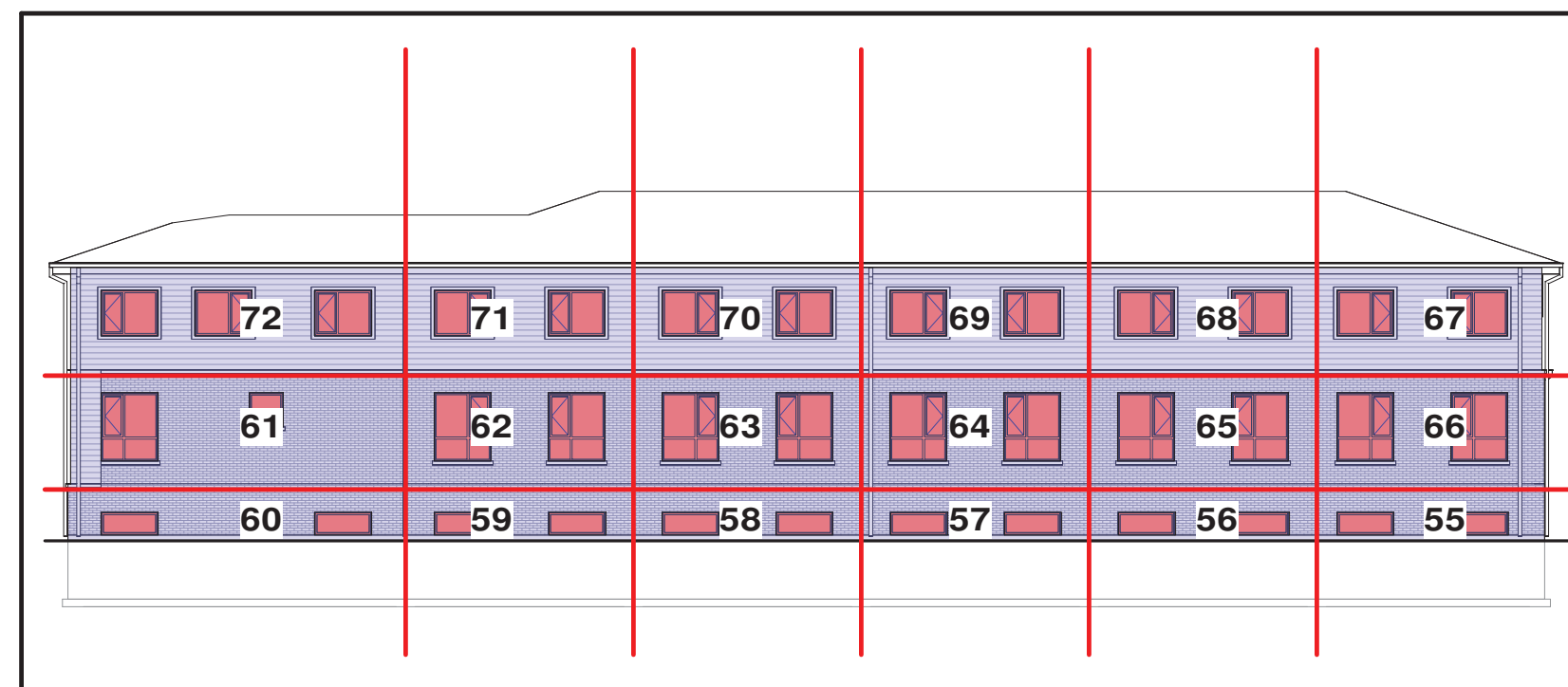
DRAWN BY: SS	DATE:
CHECKED BY:	SCALE: AS NOTED
PROJECT NO.:	DRAWING NO.:
	A-2.11



EAST SIDE OPENING CALCULATION

%UNPROTECTED OPENING

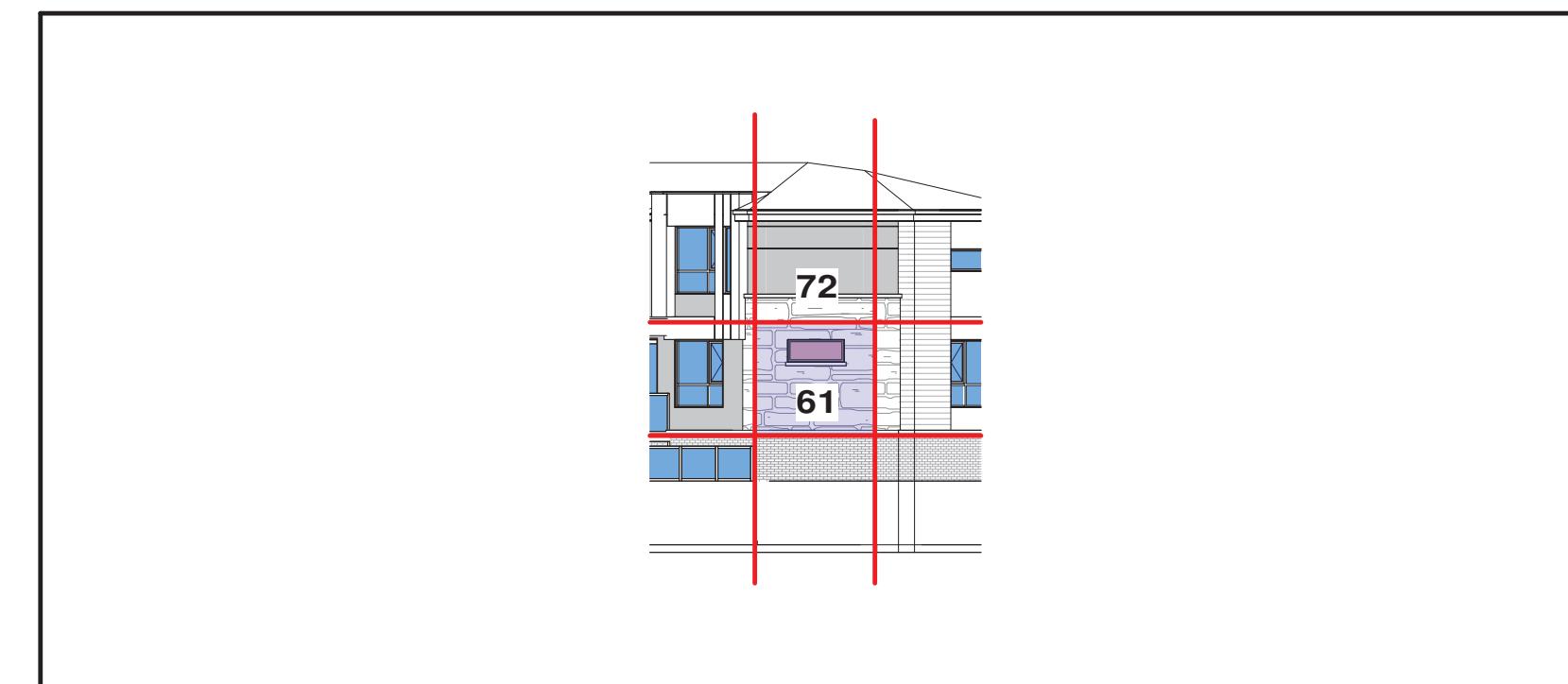
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
55	08.36 SQMT	7.58 MT	08.36 SQMT (100%)	3.14 SQMT (37.56%)
56	08.36 SQMT	7.58 MT	08.36 SQMT (100%)	2.68 SQMT (32.05%)
57	08.36 SQMT	7.58 MT	08.36 SQMT (100%)	2.68 SQMT (32.05%)
58	08.36 SQMT	7.58 MT	08.36 SQMT (100%)	2.68 SQMT (32.05%)
59	08.36 SQMT	7.58 MT	08.36 SQMT (100%)	2.68 SQMT (32.05%)
60	08.43 SQMT	6.07 MT	08.43 SQMT (100%)	3.19 SQMT (37.84%)
61	18.74 SQMT	6.07 MT	18.74 SQMT (100%)	7.80 SQMT (41.62%)
62	18.58 SQMT	7.58 MT	18.58 SQMT (100%)	8.73 SQMT (46.99%)
63	18.58 SQMT	7.58 MT	18.58 SQMT (100%)	9.29 SQMT (50.00%)
64	18.58 SQMT	7.58 MT	18.58 SQMT (100%)	9.29 SQMT (50.00%)
65	18.58 SQMT	7.58 MT	18.58 SQMT (100%)	8.73 SQMT (46.99%)
66	18.58 SQMT	7.58 MT	18.58 SQMT (100%)	7.06 SQMT (38.00%)
67	17.41 SQMT	7.58 MT	17.41 SQMT (100%)	6.13 SQMT (35.21%)
68	17.65 SQMT	7.58 MT	17.65 SQMT (100%)	7.80 SQMT (44.19%)
69	17.65 SQMT	7.58 MT	17.65 SQMT (100%)	7.80 SQMT (44.19%)
70	17.65 SQMT	7.58 MT	17.65 SQMT (100%)	7.80 SQMT (44.19%)
71	17.65 SQMT	7.58 MT	17.65 SQMT (100%)	7.80 SQMT (44.19%)
72	17.72 SQMT	6.07 MT	17.72 SQMT (100%)	4.27 SQMT (24.10%)



WEST SIDE OPENING CALCULATION

%UNPROTECTED OPENING

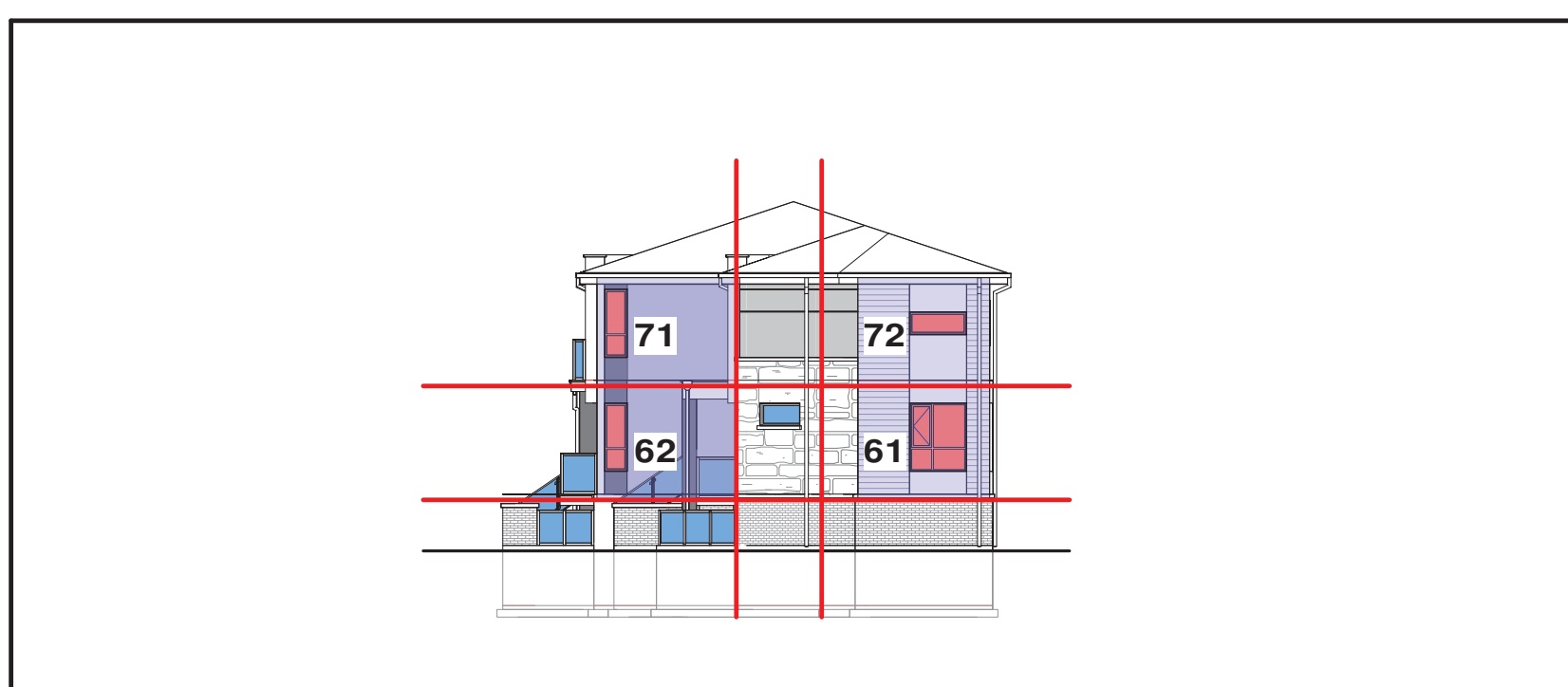
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
55	08.36 SQMT	4.50 MT	8.11 SQMT (97%)	1.86 SQMT (22.25%)
56	08.36 SQMT	4.50 MT	8.11 SQMT (97%)	1.86 SQMT (22.25%)
57	08.36 SQMT	4.50 MT	8.11 SQMT (97%)	1.86 SQMT (22.25%)
58	08.36 SQMT	4.50 MT	8.11 SQMT (97%)	1.86 SQMT (22.25%)
59	08.36 SQMT	4.50 MT	8.11 SQMT (97%)	1.86 SQMT (22.25%)
60	12.40 SQMT	4.50 MT	9.33 SQMT (75.25%)	1.86 SQMT (15.00%)
61	27.34 SQMT	4.50 MT	14.01 SQMT (51.25%)	3.62 SQMT (13.24%)
62	18.58 SQMT	4.50 MT	12.03 SQMT (64.75%)	5.57 SQMT (29.98%)
63	18.58 SQMT	4.50 MT	12.03 SQMT (64.75%)	5.57 SQMT (29.98%)
64	18.58 SQMT	4.50 MT	12.03 SQMT (64.75%)	5.57 SQMT (29.98%)
65	18.58 SQMT	4.50 MT	12.03 SQMT (64.75%)	5.57 SQMT (29.98%)
66	18.58 SQMT	4.50 MT	12.03 SQMT (64.75%)	5.57 SQMT (29.98%)
67	17.44 SQMT	4.50 MT	11.29 SQMT (64.75%)	3.72 SQMT (21.33%)
68	17.65 SQMT	4.50 MT	11.43 SQMT (64.75%)	3.72 SQMT (21.07%)
69	17.65 SQMT	4.50 MT	11.43 SQMT (64.75%)	3.72 SQMT (21.08%)
70	17.65 SQMT	4.50 MT	11.43 SQMT (64.75%)	3.72 SQMT (21.08%)
71	17.65 SQMT	4.50 MT	11.43 SQMT (64.75%)	3.72 SQMT (21.08%)
72	25.96 SQMT	4.50 MT	13.30 SQMT (51.25%)	5.57 SQMT (21.46%)



NORTH-EAST SIDE OPENING CALCULATION

%UNPROTECTED OPENING

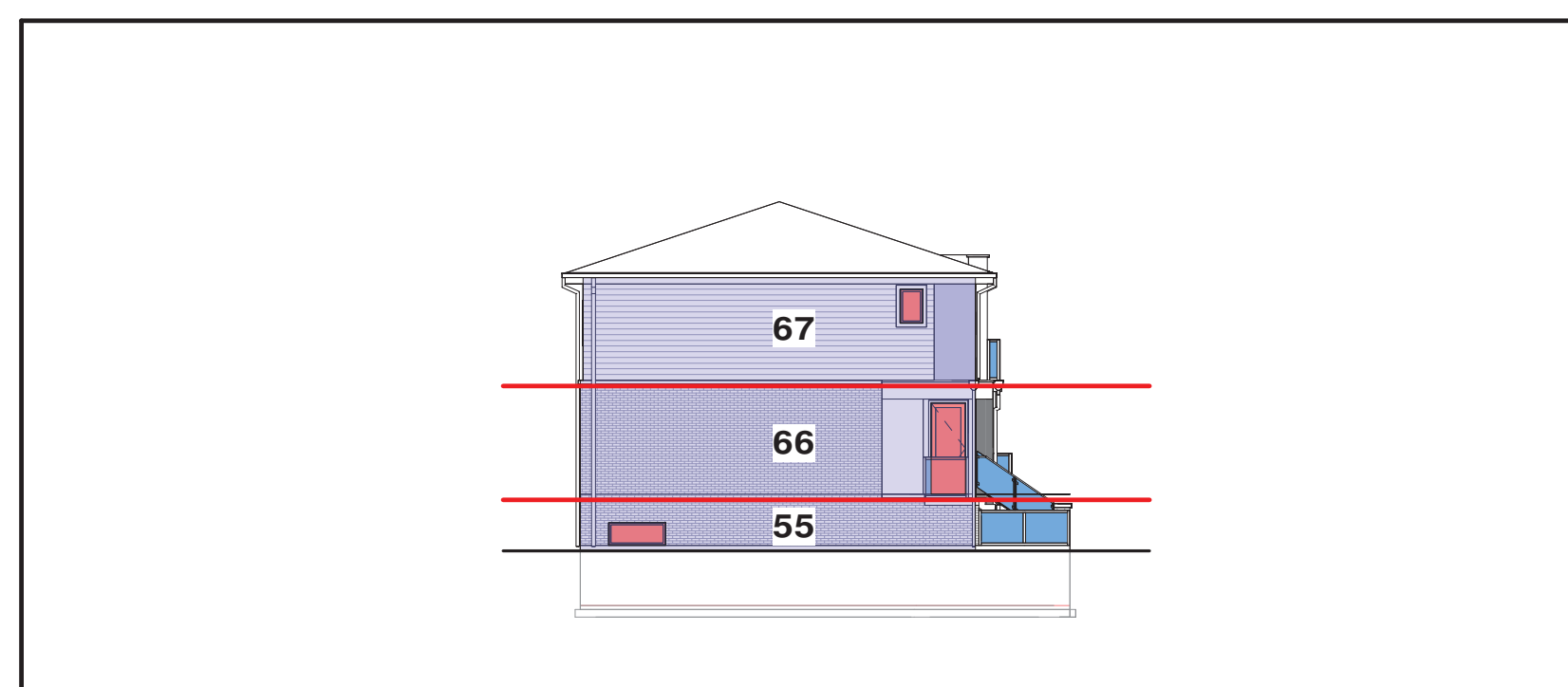
UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
61	09.85 SQMT	6.07 MT	09.85 SQMT (100%)	0.93 SQMT (9.44%)



NORTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING

UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
61	10.76 SQMT	6.26 MT	10.76 SQMT (100%)	2.79 SQMT (25.93%)
62	11.38 SQMT	7.57 MT	11.38 SQMT (100%)	1.12 SQMT (9.80%)
71	11.00 SQMT	7.57 MT	11.00 SQMT (100%)	1.12 SQMT (10.14%)
72	10.22 SQMT	6.26 MT	10.22 SQMT (100%)	0.93 SQMT (9.09%)



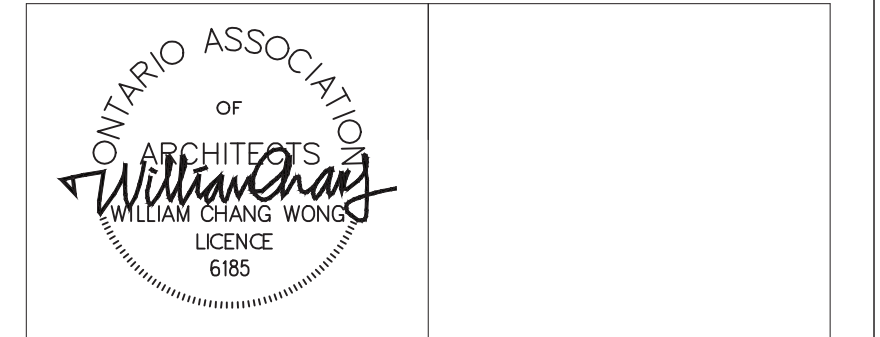
SOUTH SIDE OPENING CALCULATION

%UNPROTECTED OPENING

UNIT NO.	WALL AREA	LIMITING DISTANCE	ALLOWABLE OPENINGS	PROVIDED OPENINGS
55	14.51 SQMT	1.22 MT	1.16 SQMT (8.00%)	0.93 SQMT (6.41%)
66	32.25 SQMT	1.22 MT	2.26 SQMT (7.00%)	2.23 SQMT (6.91%)
67	30.42 SQMT	1.22 MT	2.13 SQMT (7.00%)	0.56 SQMT (1.84%)

■ WALL OPENINGS
■ RESIDENTIAL

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No.	Date	Version	Dwn.

PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
ELEVATIONS BUILDING-E (STACKED TOWNHOUSE)
 UNIT 55 TO 72

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

A-2.12

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PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
ELEVATIONS BUILDING-E (STACKED TOWNHOUSE)
 UNIT 55 TO 72

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

A-2.13



① EAST ELEVATION
 1 : 75



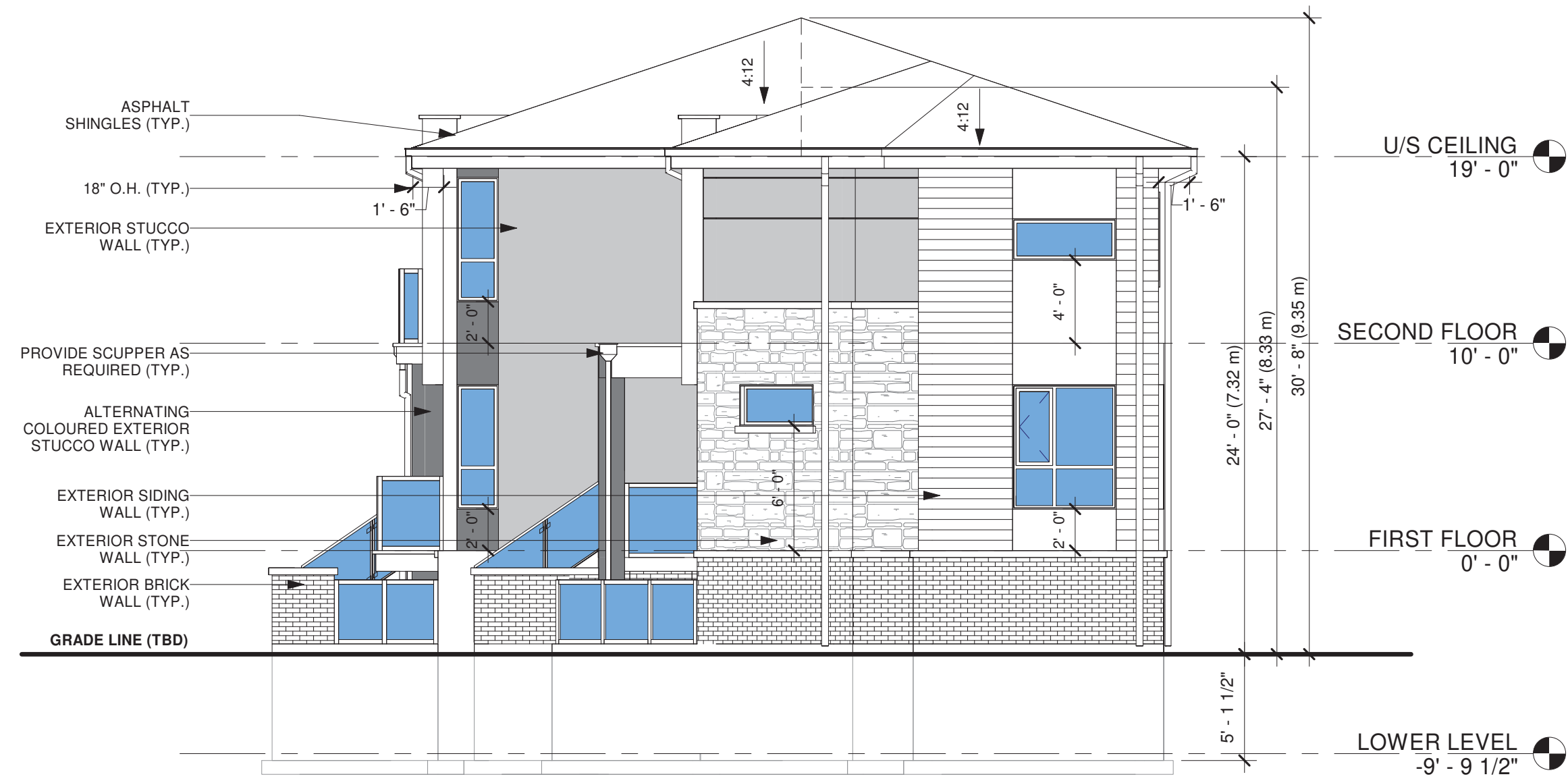
② WEST ELEVATION
 1 : 75



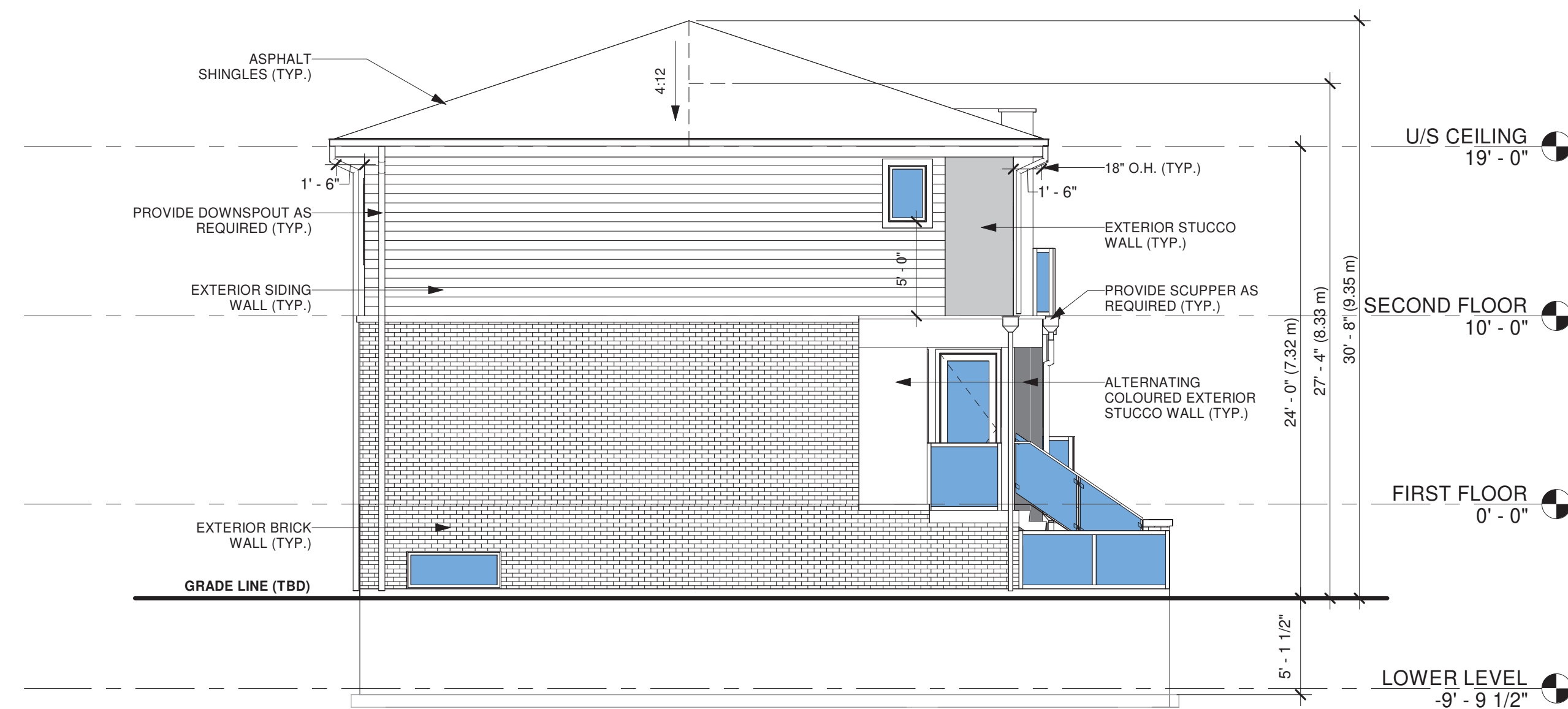
**J.H. COHOON
ENGINEERING
LIMITED**
CONSULTING ENGINEERS

440 HARDY ROAD, UNIT #1, BRANTFORD - ONTARIO, N3T 5L8
 TEL: (519) 753-2656 FAX: (519) 753-4263 www.cohooneg.com

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① NORTH ELEVATION
1 : 75



② SOUTH ELEVATION
1 : 75



FOR INFORMATION ONLY

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No.	Date	Version	Dwn.

PROJECT:
STACKED TOWNHOMES DEVELOPMENT
 7301 LUNDY'S LANE
 CITY OF NIAGARA FALLS

DRAWING TITLE:
ELEVATIONS BUILDING-E (STACKED TOWNHOUSE)
 UNIT 55 TO 72

DRAWN BY: SS DATE:

CHECKED BY: SCALE: AS NOTED

PROJECT NO.: DRAWING NO.:

A-2.14