

BUILDING CHARACTERISTICS
TYPE OF CONSTRUCTION
MAJOR OCCUPANCY

GROUND FLOOR OCCUPANCY LOAD
SECOND FLOOR OCCUPANCY LOAD
THIRD FLOOR OCCUPANCY LOAD
FOURTH FLOOR OCCUPANCY LOAD
BUILDING AREA
BUILDING HEIGHT
NUMBER OF STREETS
BUILDING CATEGORY

BUILDING SIZE AND CONSTRUCTION RELATIVE TO OCCUPANCY

CLASSIFICATION
TYPE OF CONSTRUCTION REQUIRED
MAXIMUM BUILDING AREA ALLOWED
MAXIMUM BUILDING HEIGHT
SPRINKLER SYSTEM REQUIRED

COMPARTEMENTALIZATION

REQUIRED FIRE RESISTANCE RATING OF FLOORS
REQUIRED FIRE RESISTANCE RATING OF ROOF
REQUIRED FIRE RESISTANCE RATING OF BALCONIES/MEZZANINES
REQUIRED FIRE RESISTANCE RATING OF LOAD BEARING WALLS/COLUMNS

SANITAION AND HEALTH REQUIREMENTS

LEVEL 1 - GROUND FLOOR

NUMBER OF OCCUPANTS
NUMBER OF WOMEN TOILETS REQUIRED
NUMBER OF WOMEN LAVATORY'S REQUIRED
NUMBER OF MEN TOILETS REQUIRED
NUMBER OF MEN URINALS REQUIRED
NUMBER OF MEN LAVATORY'S REQUIRED
FLOOR DRAIN REQUIREMENT

NEW CONSTRUCTION
GROUP A, DIVISION 2 - FLOOR 1 (3.2.2.24)
GROUP C - FLOORS 2-4(3.2.2.52)
123 O.L (3.1.17.1)
43 O.L (3.1.17.1)
57 O.L (3.1.17.1)
57 O.L (3.1.17.1)
1300FT2 (1208M2)
4 STOREYS
2 STREETS
PART 3

(3.2.2.24.)(3.2.2.52.)3.2.2.59
NON-COMBUSTIBLE (3.2.2.24)(3.2.2.52.)
3600M2 (3.2.2.59)
4 STOREYS (3.2.2.59)
SPRINKLERED (3.2.2.59)

1 HOUR(3.2.2.24.)(3.2.2.52.)
1 HOUR(3.2.2.24.)(3.2.2.52.)
NOT LESS THAN 1 HOUR(3.2.2.24.)(3.2.2.52.)
NOT LESS THAN 1 HOUR(3.2.2.24.)(3.2.2.52.)

61 O.L (3.1.17.1)
4 WATER CLOSET (3.7.2.2.A)
2 LAVATORY'S (3.7.2.3)
2 WATER CLOSET (3.7.2.2.A)
1 URINAL (3.7.2.2.5)
1 LAVATORY (3.7.2.3)
YES (3.7.2.6.(1))

JS BUILDING

EXTENSION TO VANIER COLLEGE'S
A BUILDING

VANIER
CÉGEP / COLLEGE



JILLIAN MONTECILLO
SHAKINA MACFARLENE MONTERO
JOHANNA SONOKPON
PROJECT 4 221-630-VA SECT.003



ATLAS CONSTRUCTION

A000

lumion

ARCH PROGRAM MASTER LEVEL 1						
Level	Occupancy	Residence Type	Number	Name	Area	Proposed Area

Level 1 NC

Level 1 NC		Circulation	14	HALLWAY	197 SF	
Level 1 NC		Circulation	15	HALLWAY	654 SF	
Level 1 NC		Circulation	10	STAIRS	223 SF	
Level 1 NC		Circulation	11	STAIRS	125 SF	
Level 1 NC		Common Area	145	A BUILDING	4485 SF	
Level 1 NC		Common Area	133	CAFETERIA	1606 SF	
Level 1 NC		Common Area	9	LOBBY	1361 SF	
Level 1 NC		Common Area	5	MENS W.C.	206 SF	
Level 1 NC		Common Area	6	WOMENS W.C.	206 SF	
Level 1 NC		Private	135	J.C.	43 SF	
Level 1 NC		Private	3	SECURITY / MAIL	199 SF	
Level 1 NC		Reserved to Residences	8	GREENHOUSE	864 SF	
Level 1 NC		Reserved to Residences	7	LAUNDRY	545 SF	
Level 1 NC		Reserved to Residences	18	PANTRY	128 SF	
Level 1 NC		Reserved to Residences	13	STUDY SPACE	955 SF	
Level 1 NC		Reserved to Residences	4	THEATER	840 SF	
Level 1 NC		Singles	20	STUDIO	145 SF	
Level 1 NC		Singles	21	STUDIO	143 SF	
Level 1 NC		Singles	18	STUDIO A	206 SF	
Level 1 NC		Singles	19	STUDIO A	172 SF	

: 20

Grand total: 20

ARCH PROGRAM MASTER LEVEL 2						
Level	Occupancy	Residence Type	Number	Name	Area	Proposed Area

LEVEL 2 NC

LEVEL 2 NC		Appartment	27	APARTMENT	906 SF
LEVEL 2 NC		Appartment	30	APARTMENT	519 SF
LEVEL 2 NC		Circulation	41	LOUNGE	411 SF
LEVEL 2 NC		Circulation	22	STAIRS	269 SF
LEVEL 2 NC		Circulation	34	STAIRS	84 SF
LEVEL 2 NC		Common Area	59	ATRIUM	316 SF
LEVEL 2 NC		Common Area	33	HALLWAY	1986 SF
LEVEL 2 NC		Common Area	141	LOUNGE	189 SF
LEVEL 2 NC		Common Area	137	QUIET ROOM	237 SF
LEVEL 2 NC		Common Area	142	STUDY	173 SF
LEVEL 2 NC		Doubles	149	BALCONY	37 SF
LEVEL 2 NC		Doubles	150	BALCONY	36 SF
LEVEL 2 NC		Doubles	23	DOUBLE	247 SF
LEVEL 2 NC		Doubles	24	DOUBLE	255 SF
LEVEL 2 NC		Doubles	28	DOUBLE	253 SF
LEVEL 2 NC		Doubles	29	DOUBLE	253 SF
LEVEL 2 NC		Doubles	48	DOUBLE	253 SF
LEVEL 2 NC		Doubles	49	DOUBLE	253 SF
LEVEL 2 NC		Doubles	54	DOUBLE	252 SF
LEVEL 2 NC		Doubles	55	DOUBLE	253 SF
LEVEL 2 NC		Doubles	146	SHARED BATHROOM	83 SF
LEVEL 2 NC		Private	53	STUDIO	147 SF
LEVEL 2 NC		Private	143	STUDIO	154 SF
LEVEL 2 NC		Singles	44	STUDIO	147 SF
LEVEL 2 NC		Singles	39	STUDIO	150 SF
LEVEL 2 NC		Singles	35	STUDIO	138 SF
LEVEL 2 NC		Singles	36	STUDIO	133 SF
LEVEL 2 NC		Singles	37	STUDIO	155 SF
LEVEL 2 NC		Singles	42	STUDIO	142 SF
LEVEL 2 NC		Singles	43	STUDIO	143 SF
LEVEL 2 NC		Singles	45	STUDIO	137 SF
LEVEL 2 NC		Singles	52	STUDIO	137 SF
LEVEL 2 NC		Singles	56	STUDIO	143 SF
LEVEL 2 NC		Singles	57	STUDIO	135 SF
LEVEL 2 NC		Singles	40	STUDIO A	175 SF
LEVEL 2 NC		Singles	46	STUDIO A	179 SF
LEVEL 2 NC		Singles	47	STUDIO A	168 SF
LEVEL 2 NC		Singles	50	STUDIO A	168 SF
LEVEL 2 NC		Singles	51	STUDIO A	179 SF

: 39

Grand total: 39

ARCH PROGRAM MASTER LEVEL 3						
Level	Occupancy	Residence Type	Number	Name	Area	Proposed Area

LEVEL 3 NC

LEVEL 3 NC	Apartment	63	APARTMENT	902 SF	
LEVEL 3 NC	Apartment	68	APARTMENT	519 SF	
LEVEL 3 NC	Apartment	82	APARTMENT	870 SF	
LEVEL 3 NC	Apartment	87	APARTMENT	287 SF	
LEVEL 3 NC	Apartment	89	APARTMENT	265 SF	
LEVEL 3 NC	Apartment	60	STAIRS	269 SF	
LEVEL 3 NC	Circulation	138	HALLWAY	2410 SF	
LEVEL 3 NC	Circulation	72	STAIRS	88 SF	
LEVEL 3 NC	Common Area	95	ATRIUM	316 SF	
LEVEL 3 NC	Common Area	71	COMMON AREA	190 SF	
LEVEL 3 NC	Doubles	61	DOUBLE	247 SF	
LEVEL 3 NC	Doubles	62	DOUBLE	255 SF	
LEVEL 3 NC	Doubles	66	DOUBLE	253 SF	
LEVEL 3 NC	Doubles	67	DOUBLE	253 SF	
LEVEL 3 NC	Doubles	85	DOUBLE	253 SF	
LEVEL 3 NC	Doubles	86	DOUBLE	253 SF	
LEVEL 3 NC	Doubles	90	DOUBLE	252 SF	
LEVEL 3 NC	Doubles	91	DOUBLE	253 SF	
LEVEL 3 NC	Private	144	SINGLE	150 SF	
LEVEL 3 NC	Singles	73	SINGLE	138 SF	
LEVEL 3 NC	Singles	74	SINGLE	133 SF	
LEVEL 3 NC	Singles	75	SINGLE	155 SF	
LEVEL 3 NC	Singles	76	SINGLE	154 SF	
LEVEL 3 NC	Singles	80	SINGLE	142 SF	
LEVEL 3 NC	Singles	81	SINGLE	143 SF	
LEVEL 3 NC	Singles	92	SINGLE	143 SF	
LEVEL 3 NC	Singles	93	SINGLE	135 SF	
LEVEL 3 NC	Singles	78	SINGLE A	175 SF	

: 28

Grand total: 28

ARCH PROGRAM MASTER LEVEL 4						
Level	Occupancy	Residence Type	Number	Name	Area	Proposed Area

LEVEL 4 NC

LEVEL 4 NC		Appartment	99	APARTMENT	892 SF	
LEVEL 4 NC		Appartment	104	APARTMENT	886 SF	
LEVEL 4 NC		Appartment	118	APARTMENT	866 SF	
LEVEL 4 NC		Appartment	123	APARTMENT A	287 SF	
LEVEL 4 NC		Appartment	96	STAIRS	269 SF	
LEVEL 4 NC		Circulation	115	HALLWAY	2960 SF	
LEVEL 4 NC		Circulation	132	SKYWALK	795 SF	
LEVEL 4 NC		Circulation	108	STAIRS	81 SF	
LEVEL 4 NC		Common Area	131	ATRIUM	316 SF	
LEVEL 4 NC		Common Area	107	COMMON AREA	190 SF	
LEVEL 4 NC		Doubles	97	DOUBLE	247 SF	
LEVEL 4 NC		Doubles	98	DOUBLE	255 SF	
LEVEL 4 NC		Doubles	102	DOUBLE	253 SF	
LEVEL 4 NC		Doubles	103	DOUBLE	253 SF	
LEVEL 4 NC		Doubles	121	DOUBLE	253 SF	
LEVEL 4 NC		Doubles	122	DOUBLE	253 SF	
LEVEL 4 NC		Doubles	126	DOUBLE	252 SF	
LEVEL 4 NC		Doubles	127	DOUBLE	253 SF	
LEVEL 4 NC		Private	158	1/2 BATH	43 SF	
LEVEL 4 NC		Private	152	APARTMENT A	265 SF	
LEVEL 4 NC		Private	160	BALCONY	30 SF	
LEVEL 4 NC		Private	161	BALCONY	38 SF	
LEVEL 4 NC		Private	153	BATHROOM	90 SF	
LEVEL 4 NC		Private	155	C.L.	11 SF	
LEVEL 4 NC		Private	151	DINING ROOM	65 SF	
LEVEL 4 NC		Private	159	FOYER	34 SF	
LEVEL 4 NC		Private	156	KITCHEN	76 SF	
LEVEL 4 NC		Private	157	LIVING ROOM	68 SF	
LEVEL 4 NC		Singles	109	STUDIO	138 SF	
LEVEL 4 NC		Singles	110	STUDIO	133 SF	
LEVEL 4 NC		Singles	111	STUDIO	155 SF	
LEVEL 4 NC		Singles	112	STUDIO	154 SF	
LEVEL 4 NC		Singles	128	STUDIO	143 SF	
LEVEL 4 NC		Singles	129	STUDIO	135 SF	
LEVEL 4 NC		Singles	53	STUDIO A	158 SF	
LEVEL 4 NC		Singles	114	STUDIO A	165 SF	

: 36

Grand total: 36

ATLAS CONSTRUCTION

[illegible]

VANIER COLLEGE

VANIER A
EXTENSION

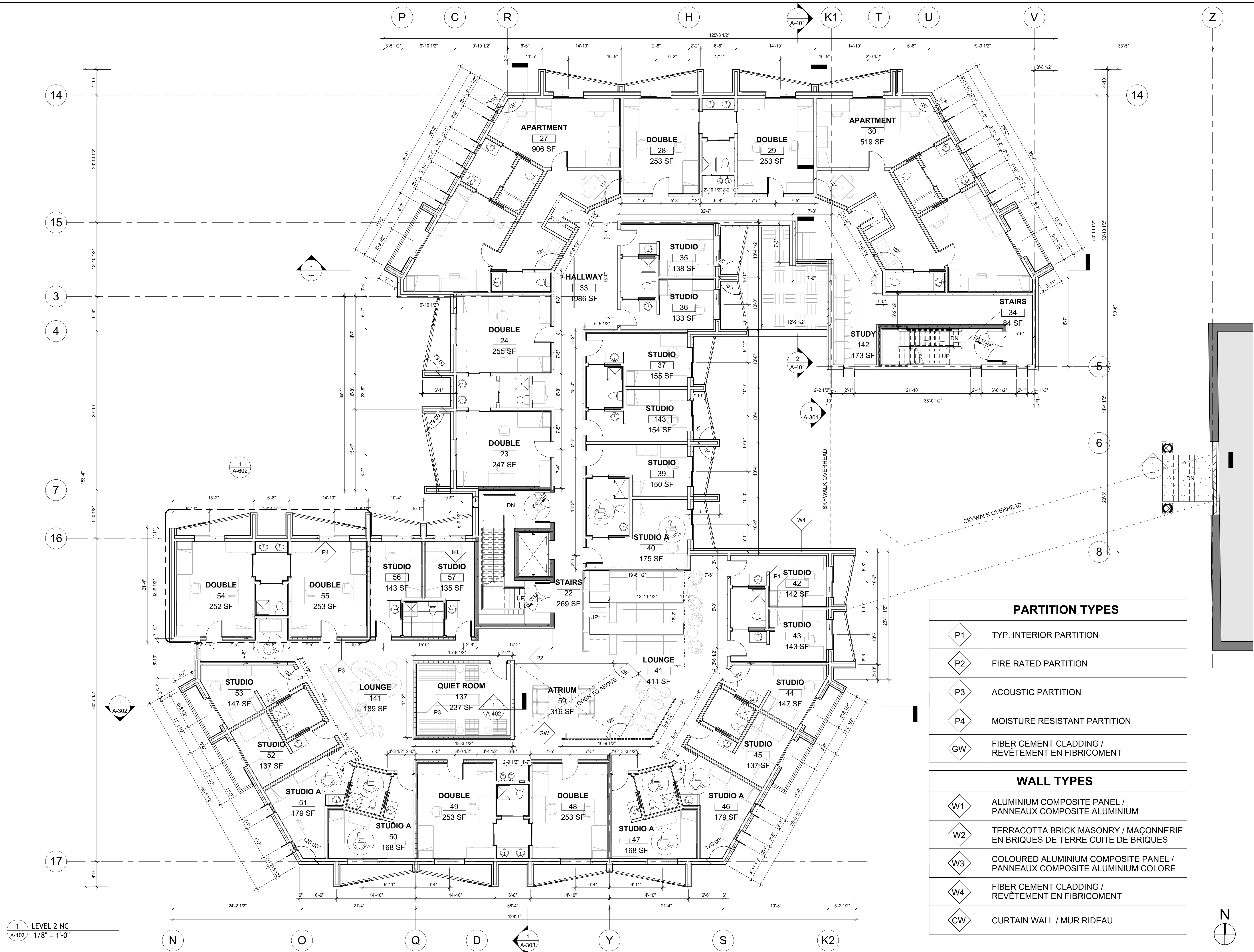
MASTER PROGRAM

Project number	PROJ4
Date	14-04-26
Drawn by	SHAKINA M.M.
Teacher	Checker
A-002	
Scale	

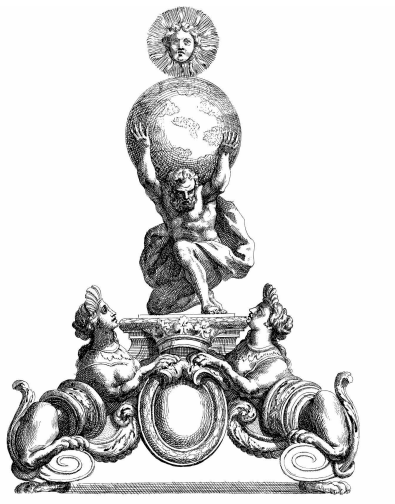




4/17/2020 1:27:11 PM



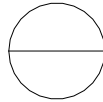




ATLAS CONSTRUCTION



EXTERIOR MATERIAL LEGEND	
	CURTAIN WALL / MUR RIDEAU
	SPANDREL PANEL / PANNEAUX ALLÉGÉS
	ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM
	TERRACOTTA BRICK MASONRY / MAÇONNERIE EN BRIQUES DE TERRE CUITE DE BRIQUES
	COLOURED ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM COLORÉ
	FIBER CEMENT CLADDING / REVÊTEMENT EN FIBRICOMENT



FINISH LEGEND
1" = 1'-0"

No.	DESCRIPTION	DATE
-----	-------------	------

VANIER COLLEGE

VANIER A
EXTENSION

WEST ELEVATION

Project number PROJ4

Date 14-04-26

Drawn by JOHANNA AND SHAKINA

Teacher C.DAVENPORT

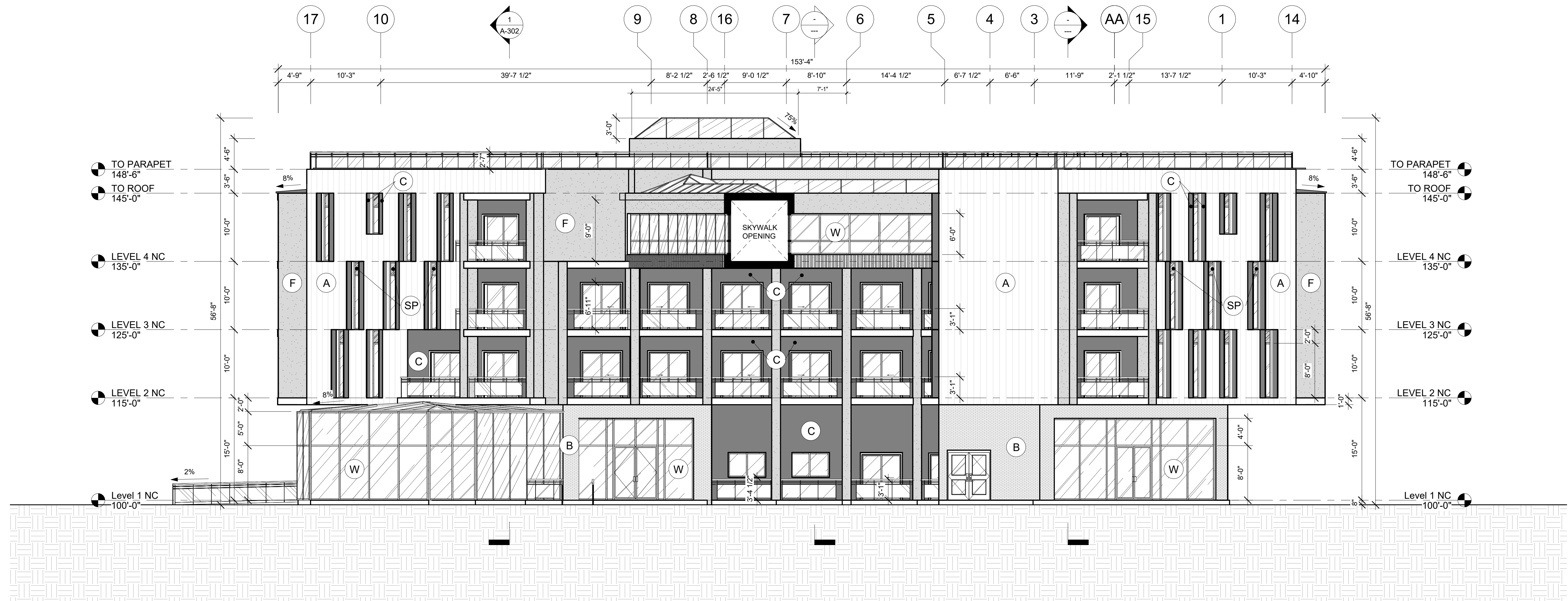
A-201

Scale As indicated

4/17/2026 1:27:20 PM



ATLAS CONSTRUCTION



1 EAST ELEVATION
A-202 1/8" = 1'-0"

EXTERIOR MATERIAL LEGEND	
	CURTAIN WALL / MUR RIDEAU
	SPANDREL PANEL / PANNEAUX ALLÈGES
	ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM
	TERRACOTTA BRICK MASONRY / MAÇONNERIE EN BRIQUES DE TERRE CUITE DE BRIQUES
	COLOURED ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM COLORÉ
	FIBER CEMENT CLADDING / REVÊTEMENT EN FIBRICOMENT

VANIER COLLEGE

VANIER A
EXTENSION

EAST ELEVATION

Project number PROJ4

Date 14-04-26

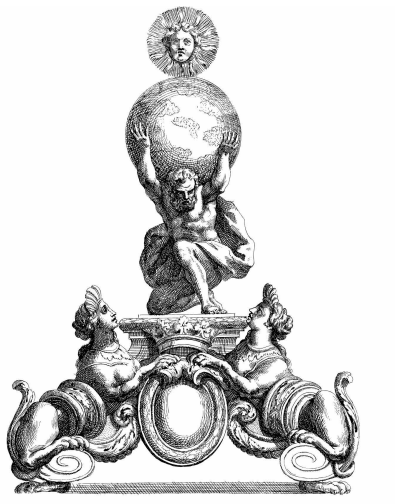
Drawn by SHAKINA M.M.

Teacher Checker

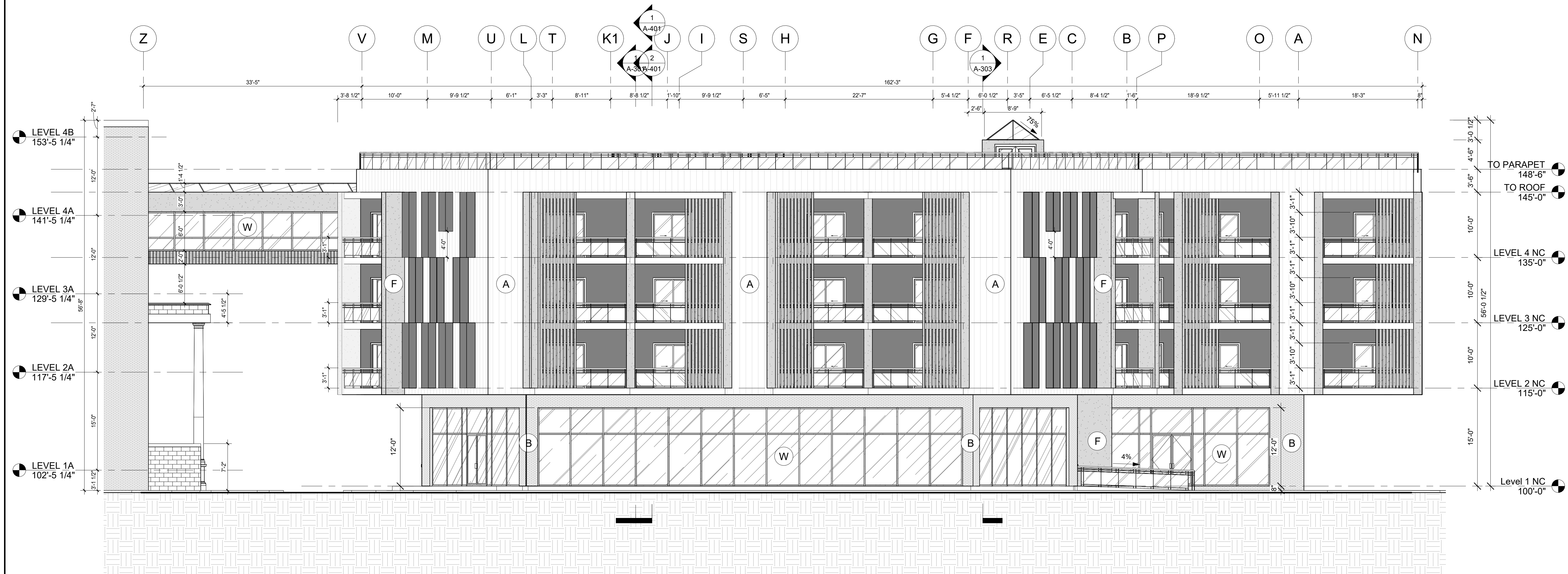
A-202

Scale As indicated

4/17/2026 1:27:25 PM



ATLAS CONSTRUCTION



1 NORTH ELEVATION
A-203 1/8" = 1'-0"

EXTERIOR MATERIAL LEGEND	
	CURTAIN WALL / MUR RIDEAU
	SPANDREL PANEL / PANNEAUX ALLÈGES
	ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM
	TERRACOTTA BRICK MASONRY / MAÇONNERIE EN BRIQUES DE TERRE CUITE DE BRIQUES
	COLOURED ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM COLORE
	FIBER CEMENT CLADDING / REVÊTEMENT EN FIBRICOMENT

VANIER COLLEGE

VANIER A
EXTENSION

NORTH ELEVATION

Project number PROJ4

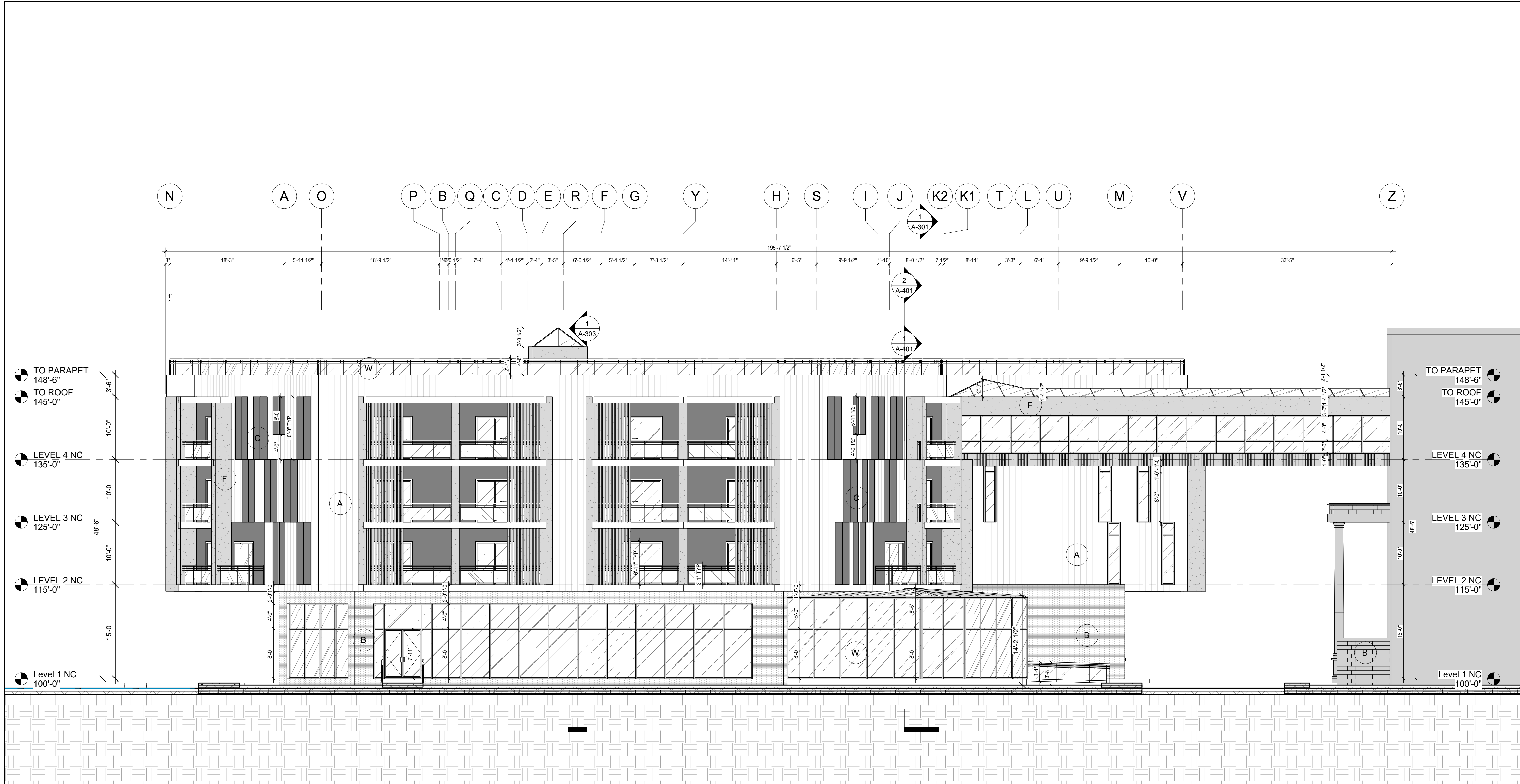
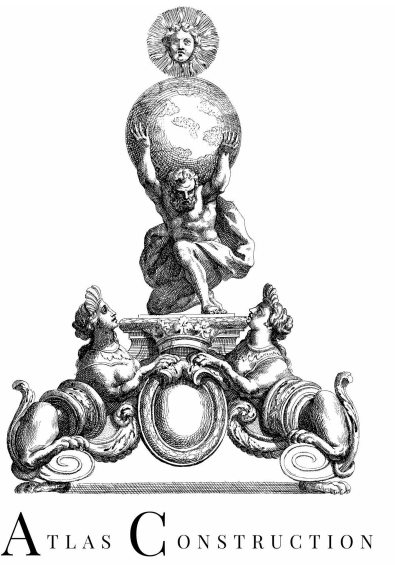
Date 14-04-26

Drawn by JILLIAN MONTECILLO

Teacher Checker

A-203

Scale As indicated



1 SOUTH ELEVATION
A-204 1/8" = 1'-0"

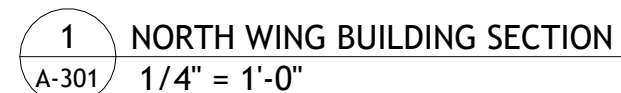
EXTERIOR MATERIAL LEGEND	
	CURTAIN WALL / MUR RIDEAU
	SPANDREL PANEL / PANNEAUX ALLÈGES
	ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM
	TERRACOTTA BRICK MASONRY / MAÇONNERIE EN BRIQUES DE TERRE CUITE DE BRIQUES
	COLOURED ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM COLORÉ
	FIBER CEMENT CLADDING / REVÊTEMENT EN FIBRICOMENT

No.	DESCRIPTION	DATE
-----	-------------	------

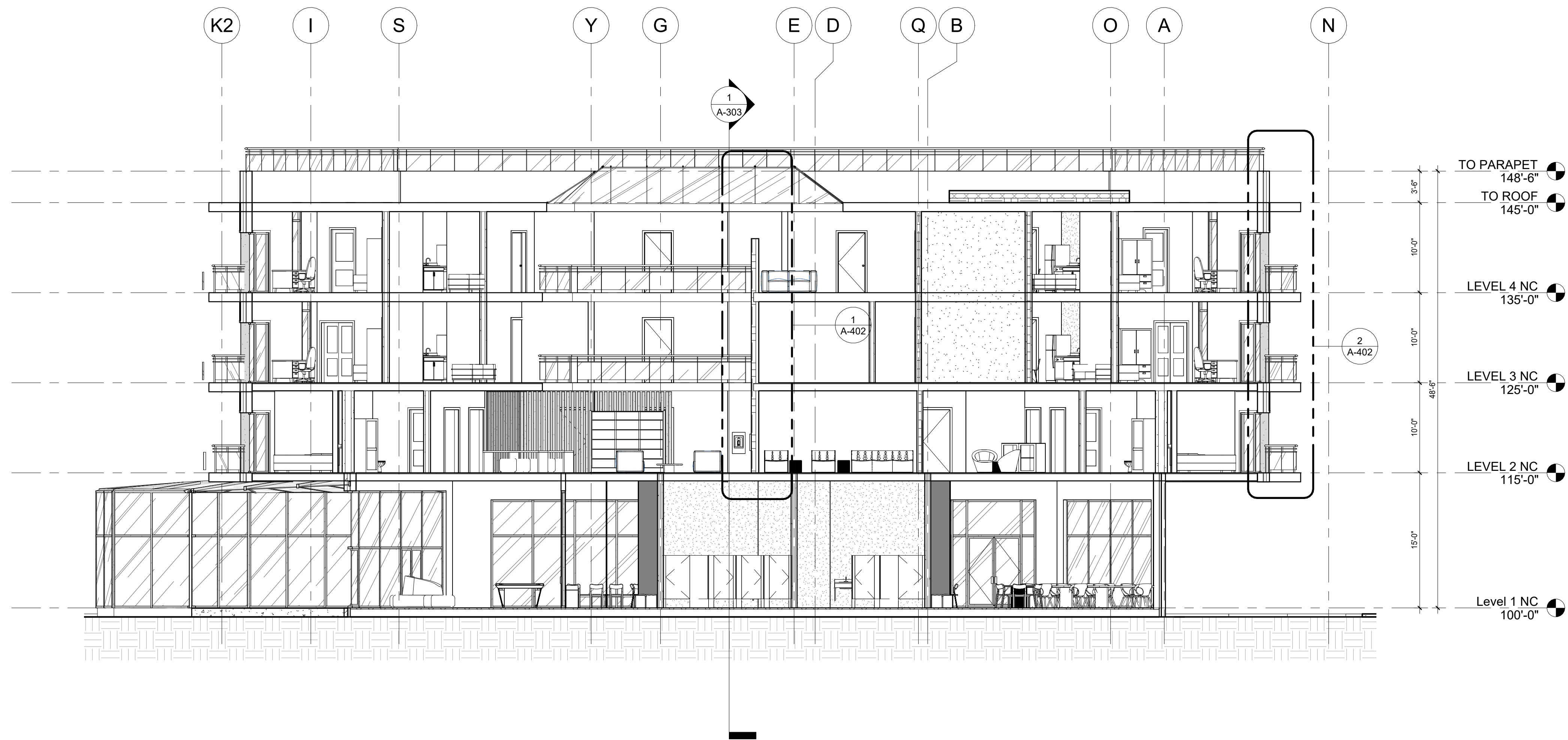
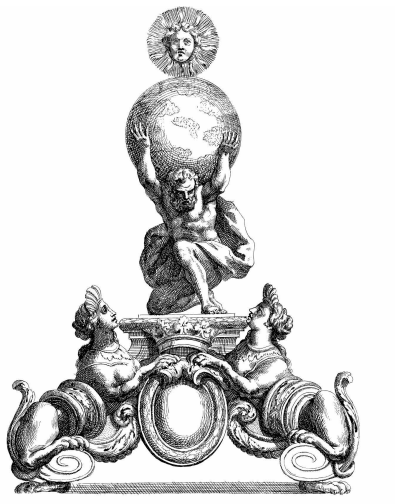
VANIER COLLEGE
VANIER A
EXTENSION

SOUTH ELEVATION

Project number	PROJ4
Date	14-04-26
Drawn by	J.SONOKPON
Teacher	C.DAVENPORT
A-204	
Scale	As indicated



VANIER COLLEGE	
VANIER A EXTENSION	
BUILDING SECTION	
Project number	PROJ4
Date	14-04-26
Drawn by	SHAKINA M.M.
Teacher	Checker
A-301	
Scale	1/4" = 1'-0"



1
A-302 BUILDING SECTION 1
1/8" = 1'-0"

No.	DESCRIPTION	DATE
-----	-------------	------

VANIER COLLEGE

VANIER A
EXTENSION

BUILDING SECTION

Project number PROJ4

Date 14-04-26

Drawn by JILLIAN MONTECILLO

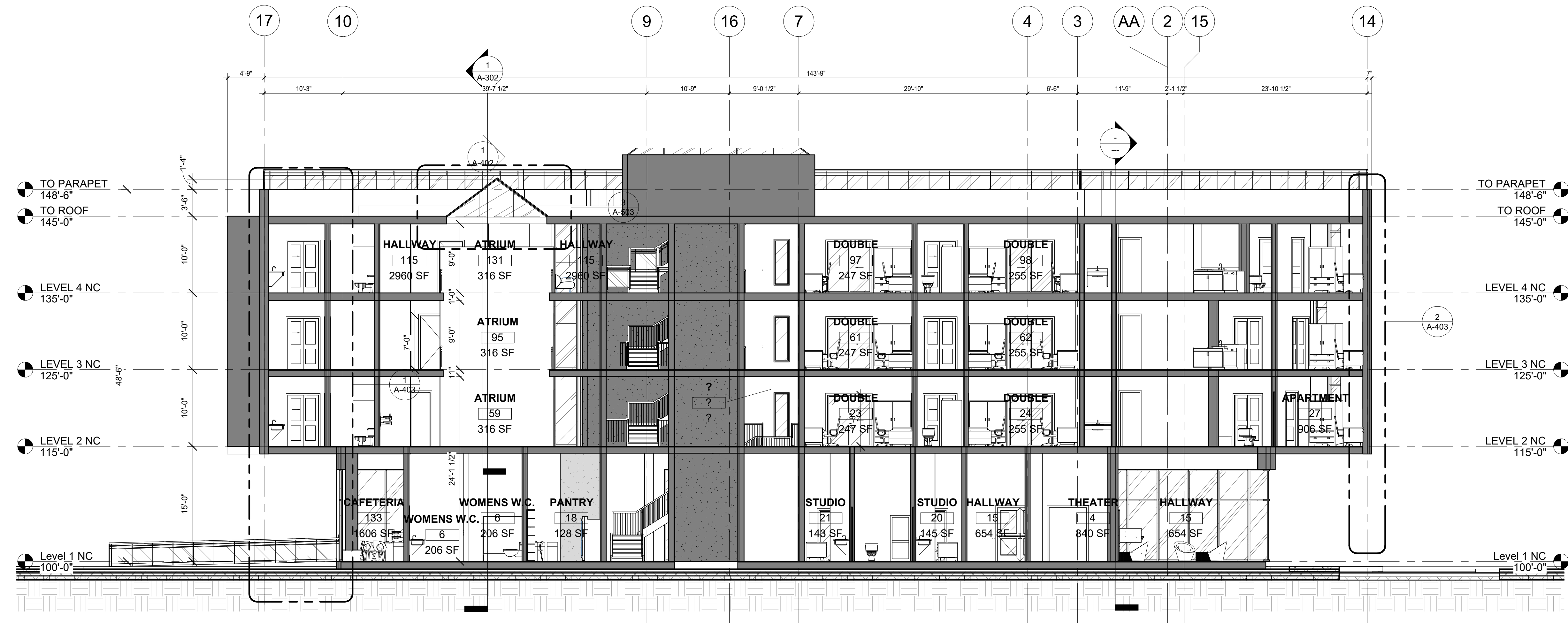
Teacher Checker

A-302

Scale 1/8" = 1'-0"



ATLAS CONSTRUCTION



1 LONGITUDINAL SECTION
A-303 1/8" = 1'-0"

No.	DESCRIPTION	DATE
-----	-------------	------

VANIER COLLEGE

VANIER A
EXTENSION

LONGITUDINAL
SECTION

Project number PROJ4

Date 14-04-26

Drawn by J.SONOKPON

Teacher C.DAVENPORT

A-303

Scale 1/8" = 1'-0"

4/17/2026 1:27:40 PM



ATLAS CONSTRUCTION

No.	DESCRIPTION	DATE
-----	-------------	------

VANIER COLLEGE

VANIER A
EXTENSION

WALL SECTIONS

Project number PROJ4

Date 14-04-26

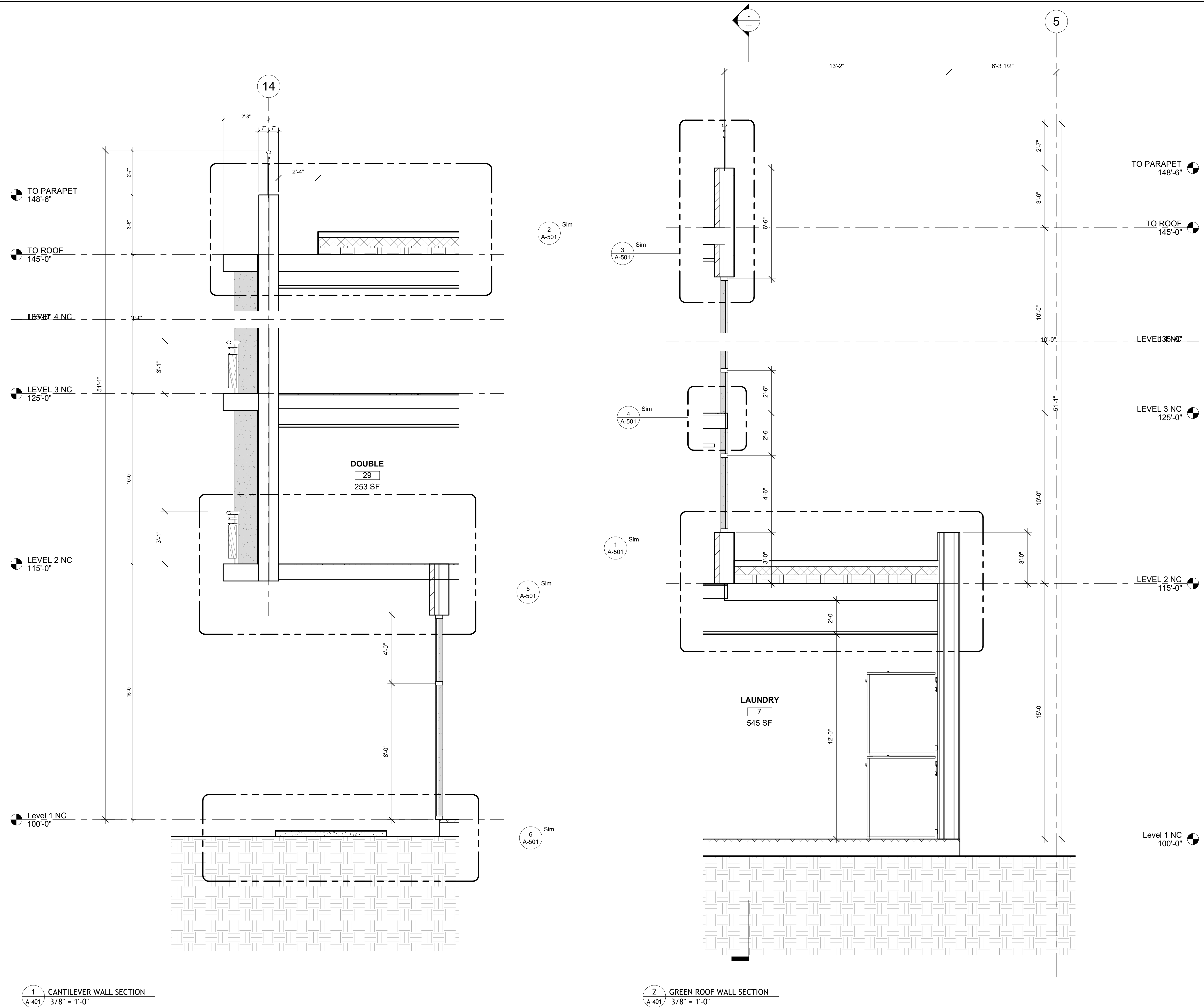
Drawn by SHAKINA M.M.

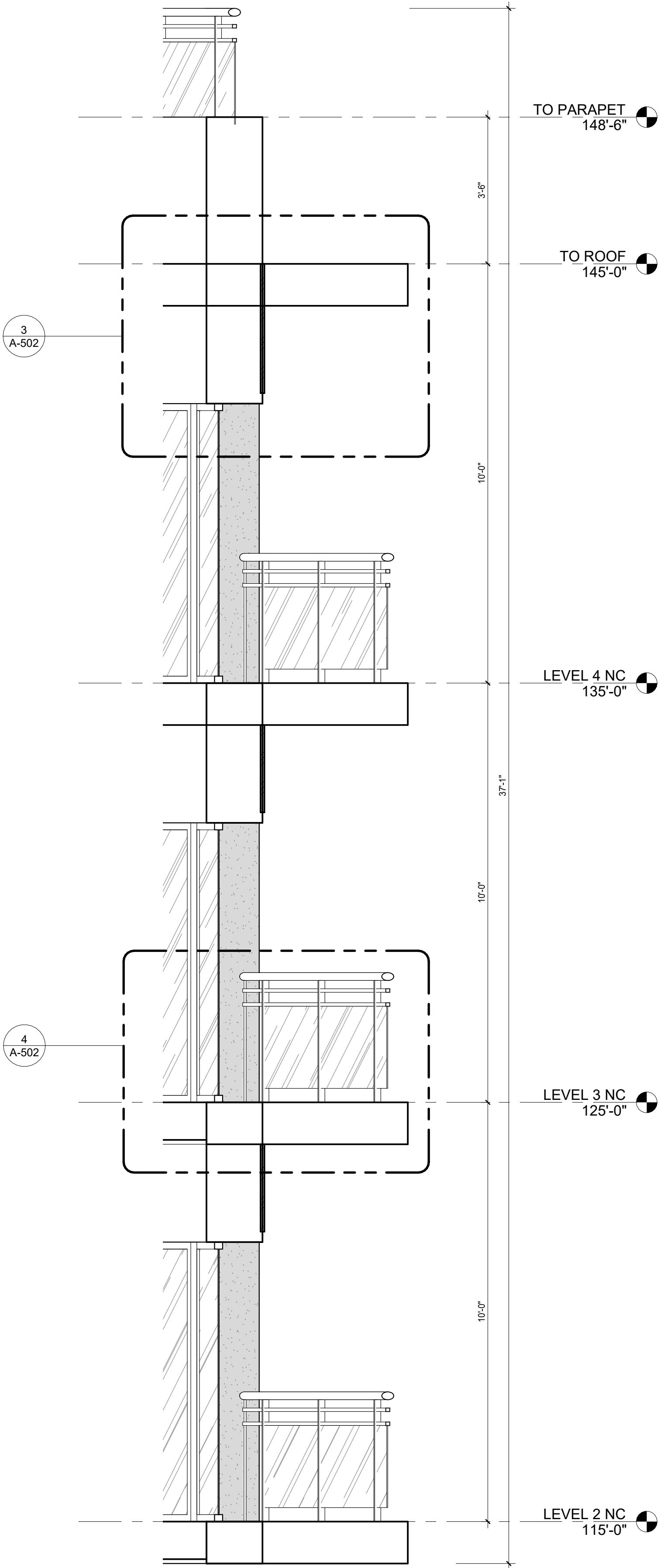
Teacher Checker

A-401

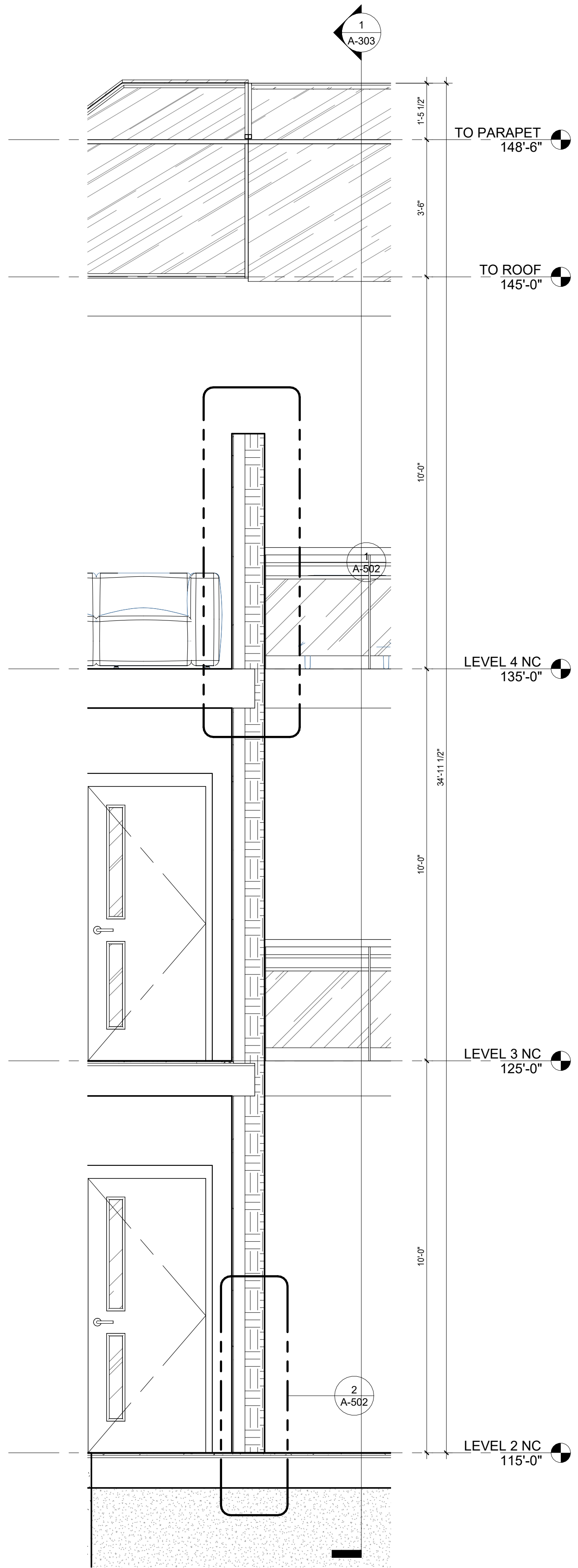
Scale 3/8" = 1'-0"

4/17/2026 1:27:40 PM

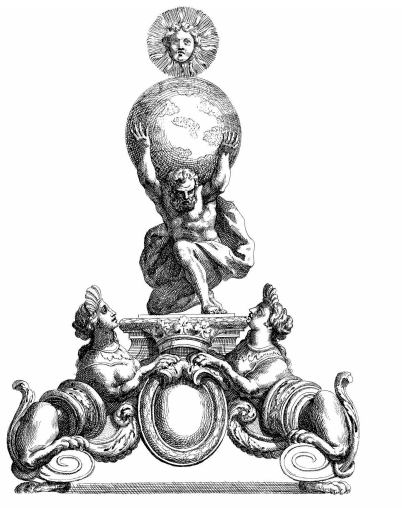




2 BALCONY WALL SECTION
A-402 1/2" = 1'-0"



1 GREEN WALL SECTION
A-303 1/2" = 1'-0"



No.	DESCRIPTION	DATE
-----	-------------	------

VANIER COLLEGE

VANIER A
EXTENSION

WALL SECTIONS

Project number PROJ4

Date 14-04-26

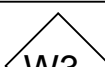
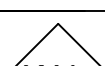
Drawn by JILLIAN MONTECILLO

Teacher Checker

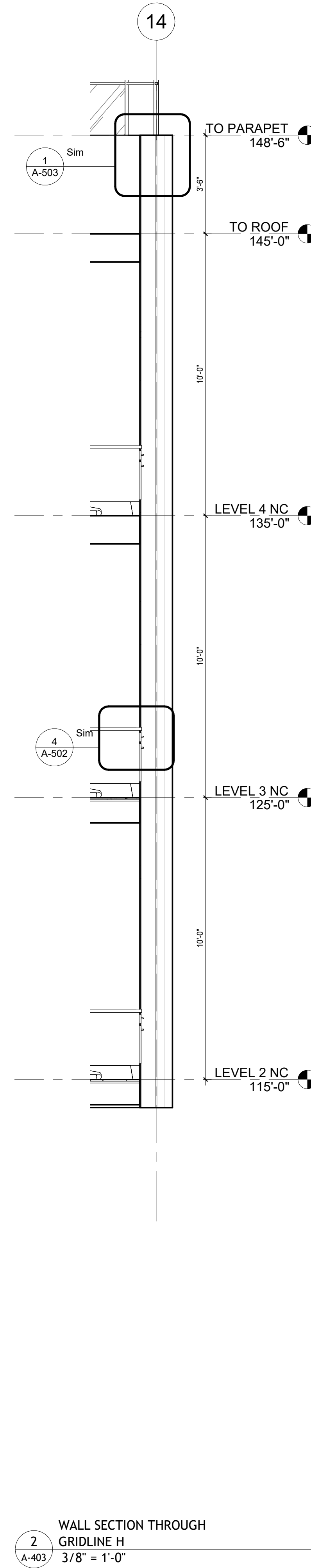
A-402

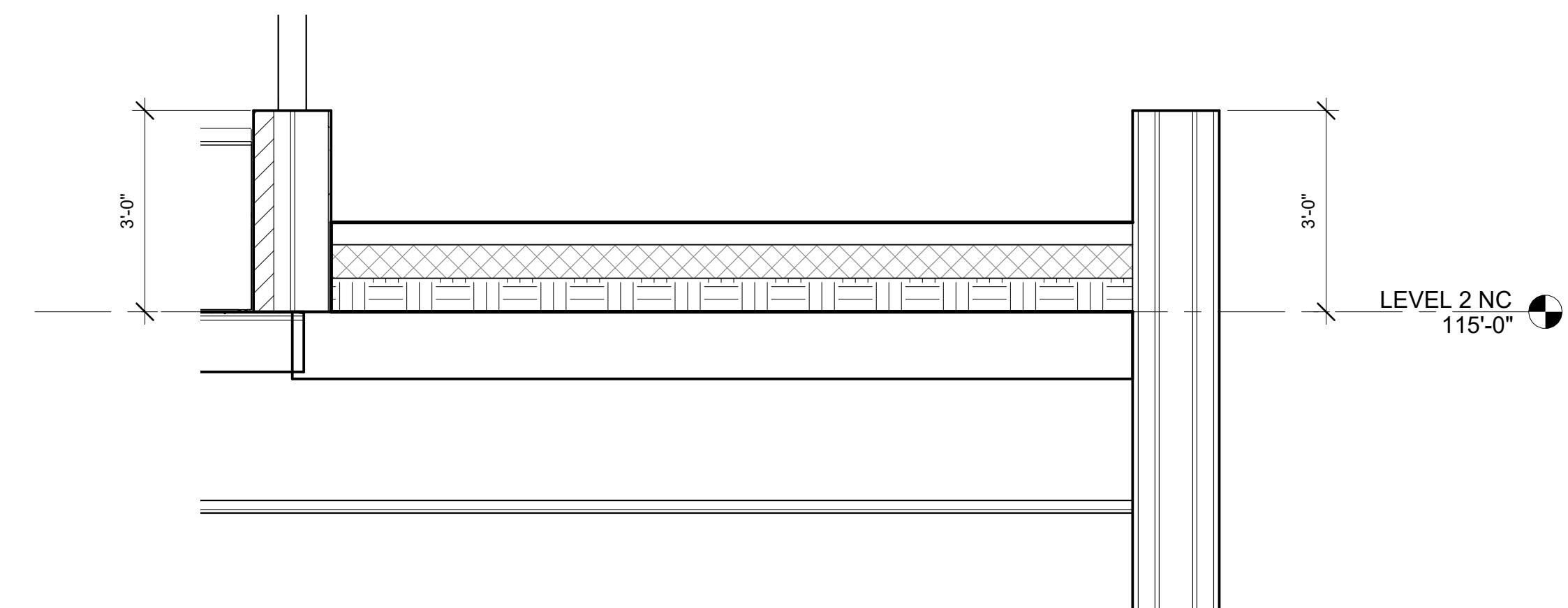
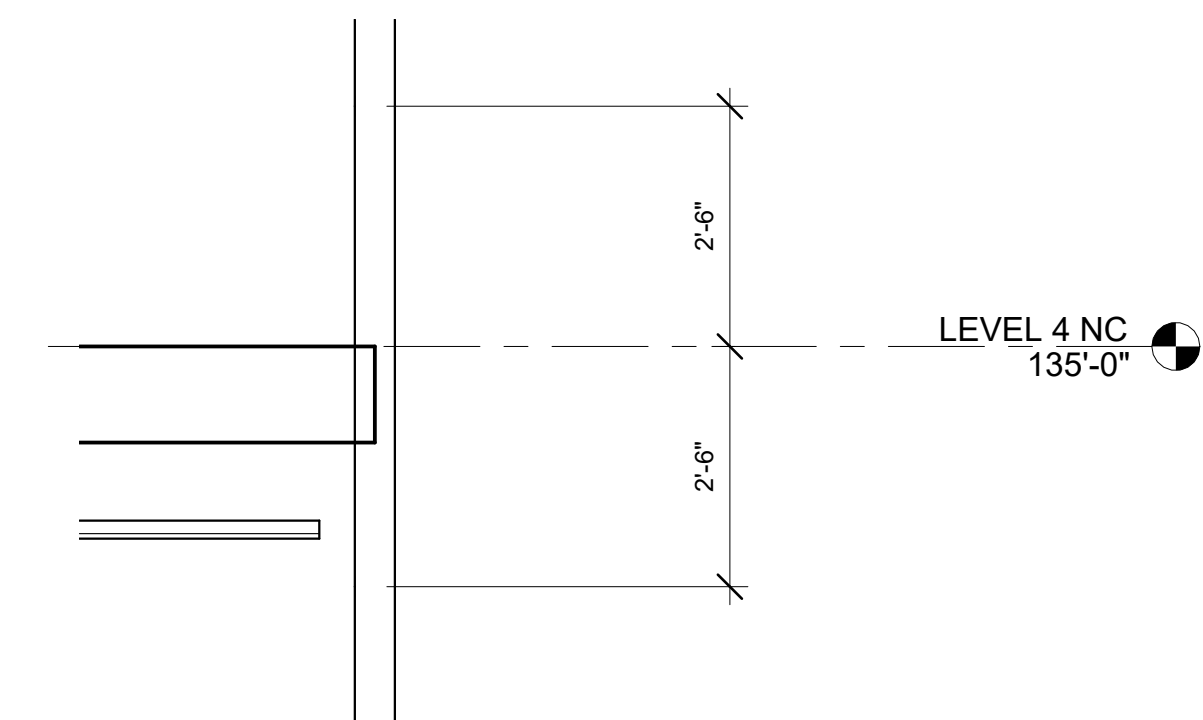
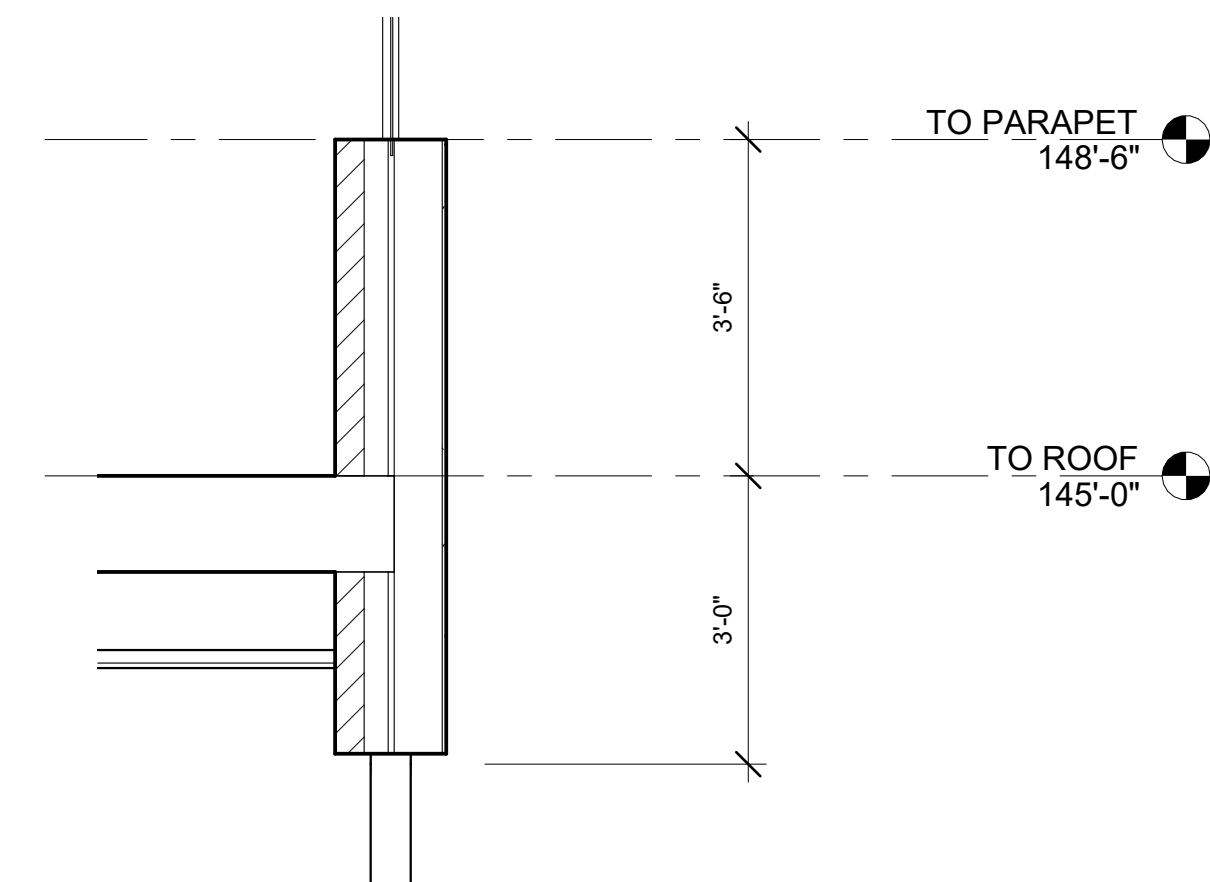
Scale 1/2" = 1'-0"



WALL TYPES	
	ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM
	TERRACOTTA BRICK MASONRY / MAÇONNERIE EN BRIQUES DE TERRE CUITE DE BRIQUES
	COLOURED ALUMINIUM COMPOSITE PANEL / PANNEAUX COMPOSITE ALUMINIUM COLORÉ
	FIBER CEMENT CLADDING / REVÊTEMENT EN FIBRICOMENT
	CURTAIN WALL / MUR RIDEAU

Scale	As indicated
-------	--------------



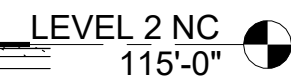
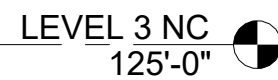
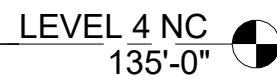
[illegible]VANIER A
EXTENSION

DETAILS

Teacher	Checker
---------	---------

A-501

Scale $1/2" = 1'-0"$



No.	DESCRIPTION	DATE
-----	-------------	------

VANIER A
EXTENSION

Scale $1'' = 1'-0''$



LEVEL 2 NC 115'-0" 

TO PARAPET
148'-6" 

TO ROOF
145'-0"

1	PARAPET DETAIL
A-503	1" = 1'-0"

1
A-302

2 SOFFIT DETAIL
A-503 1" = 1'-0"

TO PARAPET
148'-6"

TO ROOF
145'-0"

3 SKYLIGHT DETAIL
A-503 1" = 1'-0"

VANIER COLLEGE

VANIER A
EXTENSION

DETAILS

Project number PROJ4

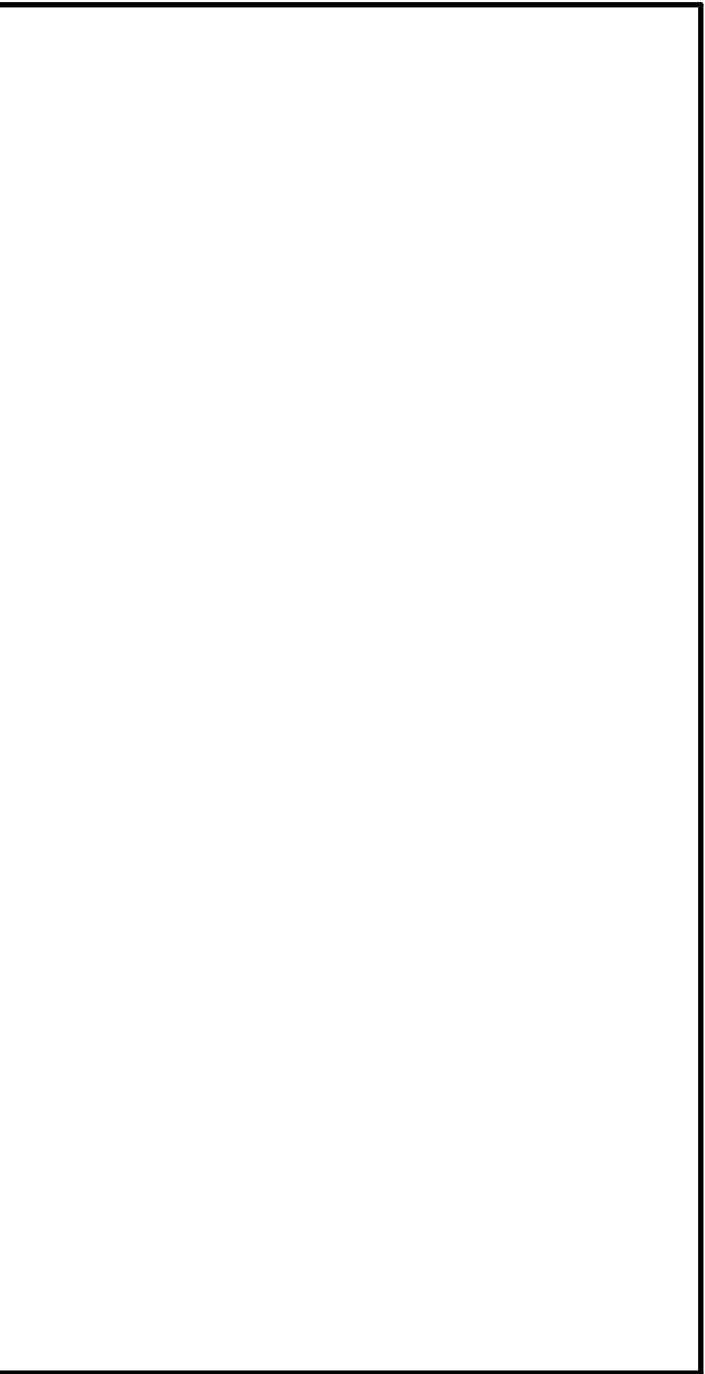
Date 14-04-26

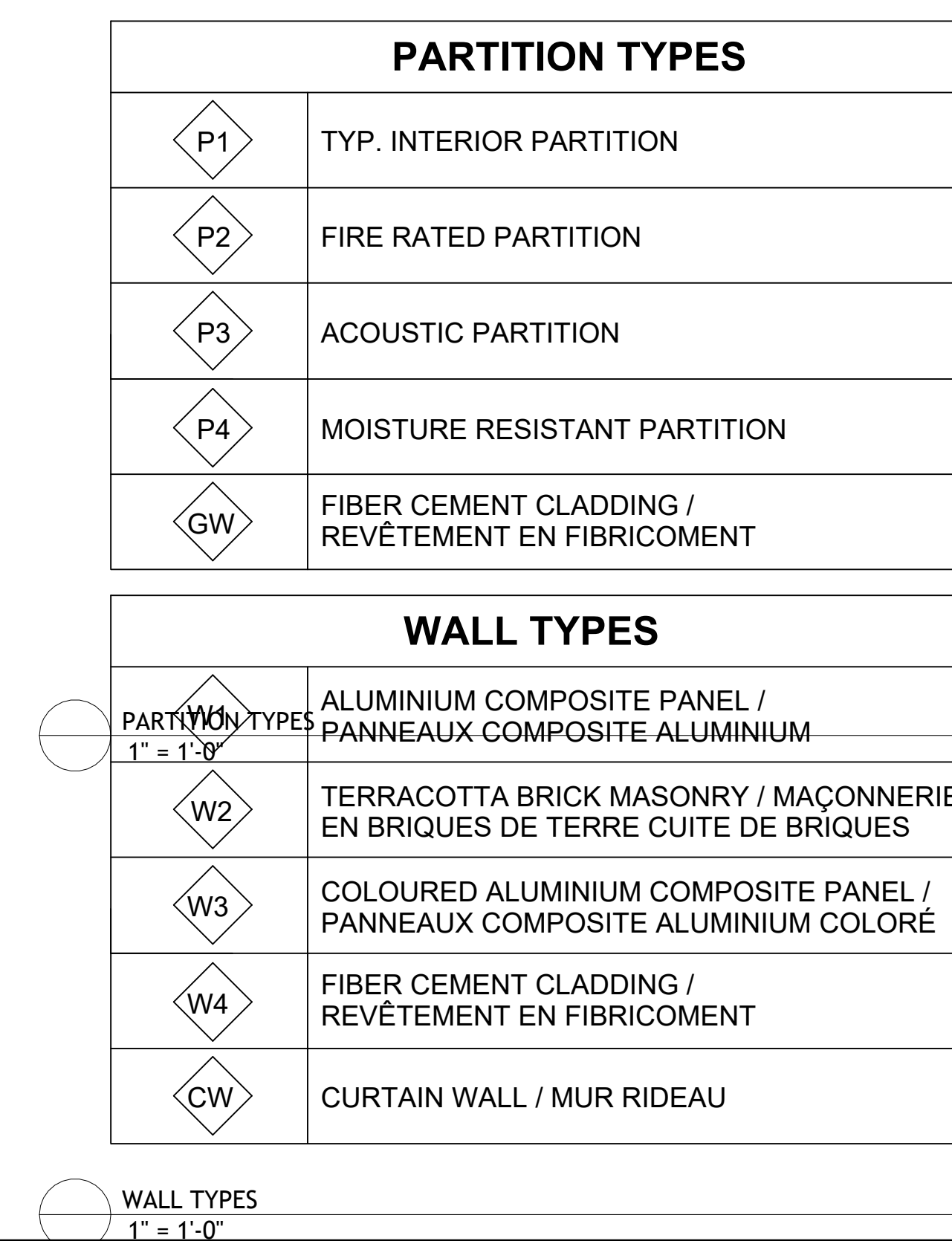
Drawn by J. SONOKPON

Teacher C.DAVENPORT

A-503

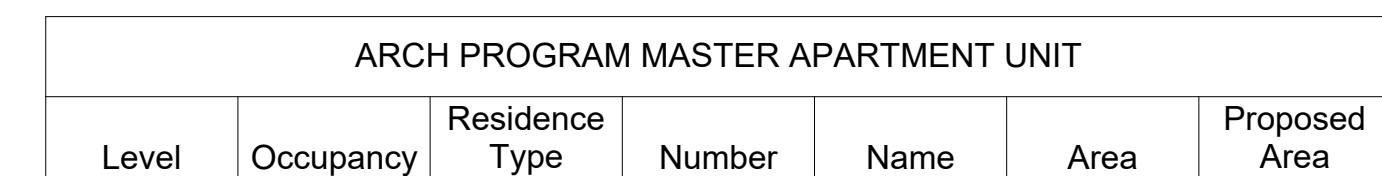
Scale $1" = 1'-0"$



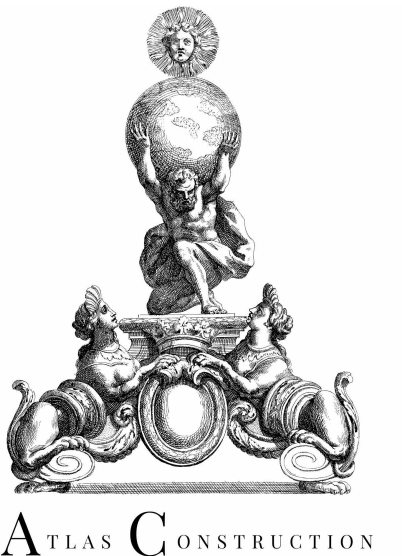


UNIT PLAN

Scale	As indicated
-------	--------------



WALL TYPES
1" = 1'-0"

[illegible]

VANIER COLLEGE

VANIER A
EXTENSION

UNIT PLAN

Project number	PROJ4
Date	14-04-26
Drawn by	JILLIAN
Teacher	Checker
A-603	
Scale	As indicated