



MARC AMYOT | 917 MERIVALE ROAD, OTTAWA, ON

PROJECT DESCRIPTION:

6 storey apartment building with basement storage

Project No. 2301
Date 24.05.17
Issued For Internal Review

1. ARCHITECT	2. STRUCTURAL ENGINEER	3. MECHANICAL ENGINEER	4. ELECTRICAL ENGINEER	5. CONTRACTOR	6. OWNER	7. PROJECT MANAGER
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INDEX OF ARCHITECTURAL DRAWINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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MERIVALE APARTMENT

917 MERIVALE RD
OTTAWA ON
for
MARC AMYOT

2301 PROJECT 1 : 1 SCALE

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DRAWN

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REVIEWED

COVER PAGE

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ARCHITETCURAL PARTITION ASSEMBLIES		
TAG	GRAPHIC	ASSEMBLY
F1		FIRE RATED PARTITION WALL SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 15.9mm(5/8") TYPE 'X' GYPSUM WALL BOARD 186mm(7 1/4") WOOD STUDS @ 400mm(16") O.C. 15.9mm(5/8") TYPE 'X' GYPSUM WALL BOARD SB3 REFERENCE: W16
FRR 1 HR STC 32		
F1a		FIRE RATED PARTITION WALL w/ CHANNELS SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 15.9mm(5/8") TYPE 'X' GYPSUM WALL BOARD 22mm 18GA. FURRING CHANNELS SPACED AT 610mm O.C. MAX 186mm(7 1/4") WOOD STUDS @ 400mm(16") O.C. 2 LAYERS OF 15.9mm(5/8") TYPE 'X' GYPSUM WALL BOARD SB3 REFERENCE: W44
FRR 1 HR STC 51		
F2		WOOD FRAME PARTITION WALL - 135mm STUD SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 15mm(5/8") GYPSUM WALL BOARD 135mm(5 3/4") WOOD STUDS @ 400mm(16") O.C. 13mm(1/2") ATTENUATION BATT INSULATION 15mm(5/8") GYPSUM WALL BOARD SB3 REFERENCE: W16
FRR 30min STC 32		
F3		WOOD FRAME PARTITION WALL - 89mm STUD SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 13mm(1/2") GYPSUM WALL BOARD 89mm(3 5/8") WOOD STUDS @ 400mm(16") O.C. 8mm(5/16") ATTENUATION BATT INSULATION 13mm(1/2") GYPSUM WALL BOARD SB3 REFERENCE: W16
FRR 30min STC 32		
F4		WOOD FRAME PARTITION WALL - 89mm STUD SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 13mm(1/2") GYPSUM WALL BOARD 89mm(3 5/8") WOOD STUDS @ 400mm(16") O.C. 13mm(1/2") GYPSUM WALL BOARD SB3 REFERENCE: W16
FRR 30min STC 32		

1
A005 ARCHITECTURAL ASSEMBLIES
1 : 20

ARCHITECTURAL WALL ASSEMBLIES		
TAG	GRAPHIC	ASSEMBLY
W1		C.I.P. FOUNDATION WALL SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 250mm CIP CONCRETE POUR - AIR / MOISTURE BARRIER 75mm (3") RIGID INSULATION SB3 REFERENCE: B1b
FRR 1.5 HR STC 50		
W1a		C.I.P. AIR ENTRAINED FOUNDATION / CURB WALL SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 250mm CIP CONCRETE POUR c/w 7% AIR ENTRAINMENT - WEATHER RESISTANT PAINT SB3 REFERENCE: B1b
FRR 1.5 HR STC 50		
W2		EXTERIOR CEMENT PANEL WALL 1 SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 12.5mm (1/2") GYPSUM WALL BOARD 6 ml POLY AIR / VAPOUR BARRIER 13mm(5 3/4") WOOD STUDS @ 400mm(16") O.C. 13mm(1/2") ATTENUATION BATT INSULATION 13mm(1/2") GYPSUM WALL BOARD 13mm(1/2") PL WOOD SHEATHING - AIR / MOISTURE BARRIER 75mm (3") RIGID INSULATION 1"x3" WOOD FURRING c/w SLOPED TOP EDGE - CEMENT BOARD PANNELLING SB3 REFERENCE: W1a
FRR 1 HR STC 32		
W2a		EXTERIOR CEMENT PANEL WALL 2 SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 12.5mm (1/2") GYPSUM WALL BOARD 6 ml POLY AIR / VAPOUR BARRIER 184mm(5 3/4") WOOD STUDS @ 400mm(16") O.C. 184mm(7 1/4") ATTENUATION BATT INSULATION 13mm(1/2") PL WOOD SHEATHING - AIR / MOISTURE BARRIER 75mm (3") RIGID INSULATION 1"x3" WOOD FURRING c/w SLOPED TOP EDGE - CEMENT BOARD PANNELLING SB3 REFERENCE: W1a
FRR 1 HR STC 32		
W3		EXTERIOR WOOD PANEL WALL SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 12.5mm (1/2") GYPSUM WALL BOARD 6 ml POLY AIR / VAPOUR BARRIER 13mm(5 3/4") WOOD STUDS @ 400mm(16") O.C. 13mm(1/2") ATTENUATION BATT INSULATION 13mm(1/2") GYPSUM WALL BOARD 13mm(1/2") PL WOOD SHEATHING - AIR / MOISTURE BARRIER 75mm (3") RIGID INSULATION 1"x3" WOOD FURRING c/w SLOPED TOP EDGE - VERTICAL WOOD SIDING SB3 REFERENCE: W1a
FRR 1 HR STC 32		
W4		INSULATED METAL PANEL WALL SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED - CORE WALL ASSEMBLY (VARIES) 13mm (1/2") PL WOOD SHEATHING - AIR / MOISTURE BARRIER 75mm (3") RIGID INSULATION - INSULATED METAL PANEL SB3 REFERENCE: B1b
FRR 1.5HR STC 50		

ARCHITECTURAL FLOOR ASSEMBLIES		
TAG	GRAPHIC	ASSEMBLY
F1		CIP CONCRETE SLAB SLAB TO US OF (SPECIFY TYPE OF) CEILING, INSULATED 250mm CIP CONCRETE POUR - AIR / MOISTURE BARRIER 50mm (2") RIGID INSULATION SB3 REFERENCE: F1b
FRR 2 HR STC 51		
F2		CIP CONCRETE SLAB w/ FINISH 9.5mm CERAMIC TILE 6.4mm MORTAR BED 200mm CIP CONCRETE SLAB SB3 REFERENCE: F1b
FRR 2 HR STC 52		
F3		ENGINEERED FLOOR w/ WOOD FINISH 19mm (1/2") VINYL PLANK FLOORING 5mm UNDERLAYMENT 25mm (1") CONCRETE TOPPING 19mm(3/4") PL WOOD SHEATHING 300mm ENGINEERED WOOD JOIST 19mm(3/4") GYPSUM SHEET 12mm (1/2") RESILIENT CHANNELS @ 400mm O.C. 15mm (5/8") TYPE 'X' GYPSUM BOARD CEILING SB3 REFERENCE: F15b
FRR 1 HR STC 60		

ARCHITECTURAL ROOF ASSEMBLIES		
TAG	GRAPHIC	ASSEMBLY
R1		EPDM MONO-SLOPE ROOF - EPDM ROOFING MEMBRANE 12.5mm HIGH DENSITY COVER BOARD 250mm (8") RIGID TAPERED INSULATION - WATERPROOFING MEMBRANE 6.35mm (1/4") T&G TREATED PLYWOOD SHEATHING 18.2mm (3/4") T&G TREATED PLYWOOD SHEATHING 300mm ENGINEERED WOOD JOIST 300mm (12") BATT INSULATION 6ml POLY AIR / VAPOUR BARRIER 25mm (1") WOOD STRAPPING @ 400mm O.C. 12.5mm (1/2") GYPSUM BOARD CEILING SB3 REFERENCE: F10a
FRR 1 HR STC 53		



1	22 JUL 2024	SH	ISSUED FOR SPA
NO.	DATE	BY	DESCRIPTION

REVISION RECORD			

1	22 JUL 2024	DS	ISSUED FOR SPA
NO.	DATE	BY	DESCRIPTION

ISSUE RECORD			
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MERIVALE APARTMENT

917 MERIVALE RD
OTTAWA ON
for
MARC AMYOT

2301 PROJECT
1 : 20 SCALE

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REVIEWED

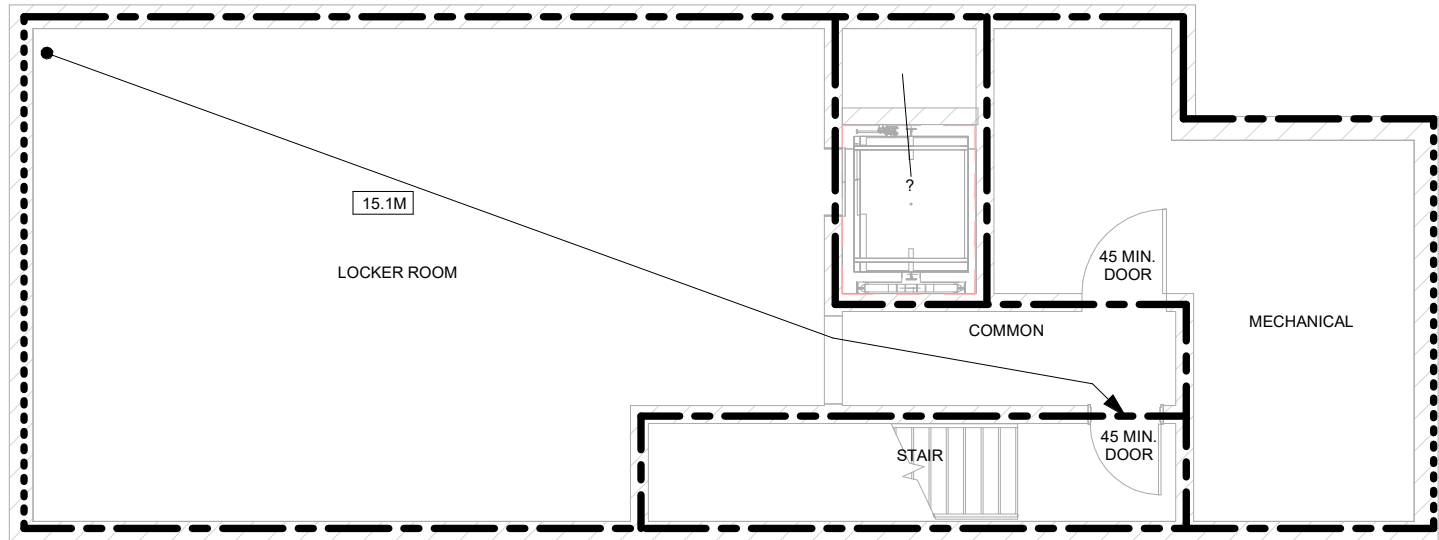
ARCHITECTURAL
ASSEMBLIES

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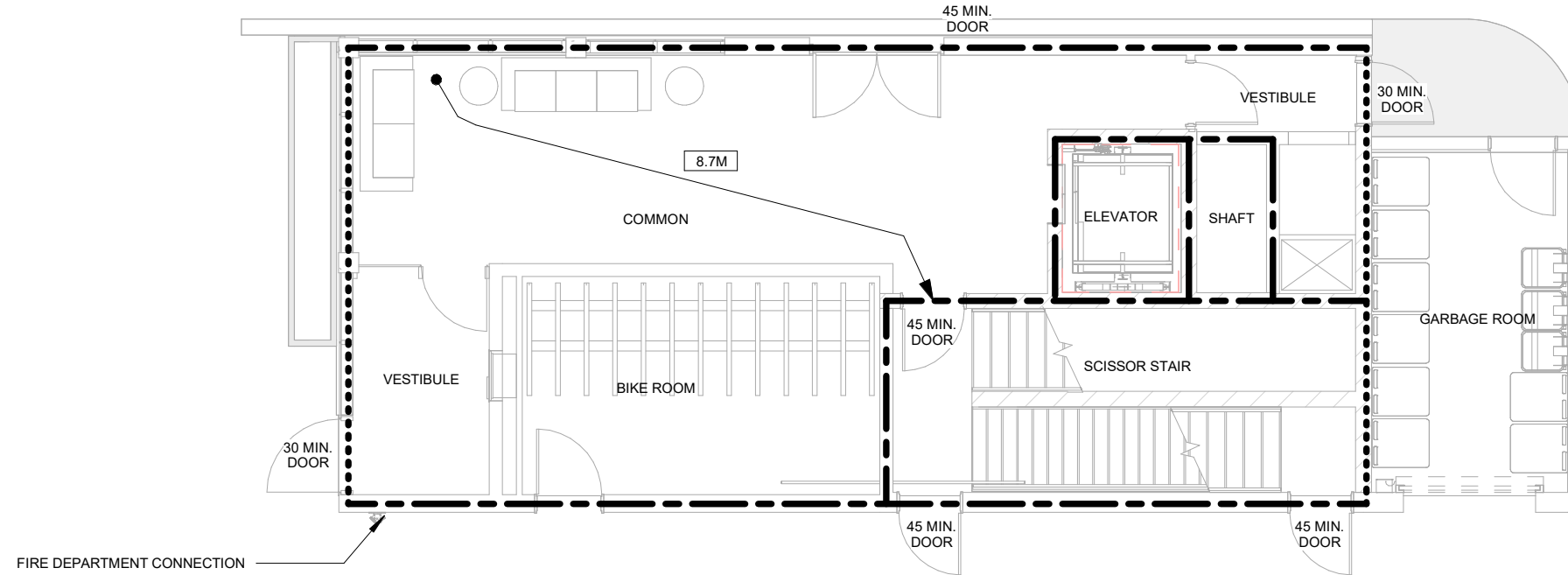
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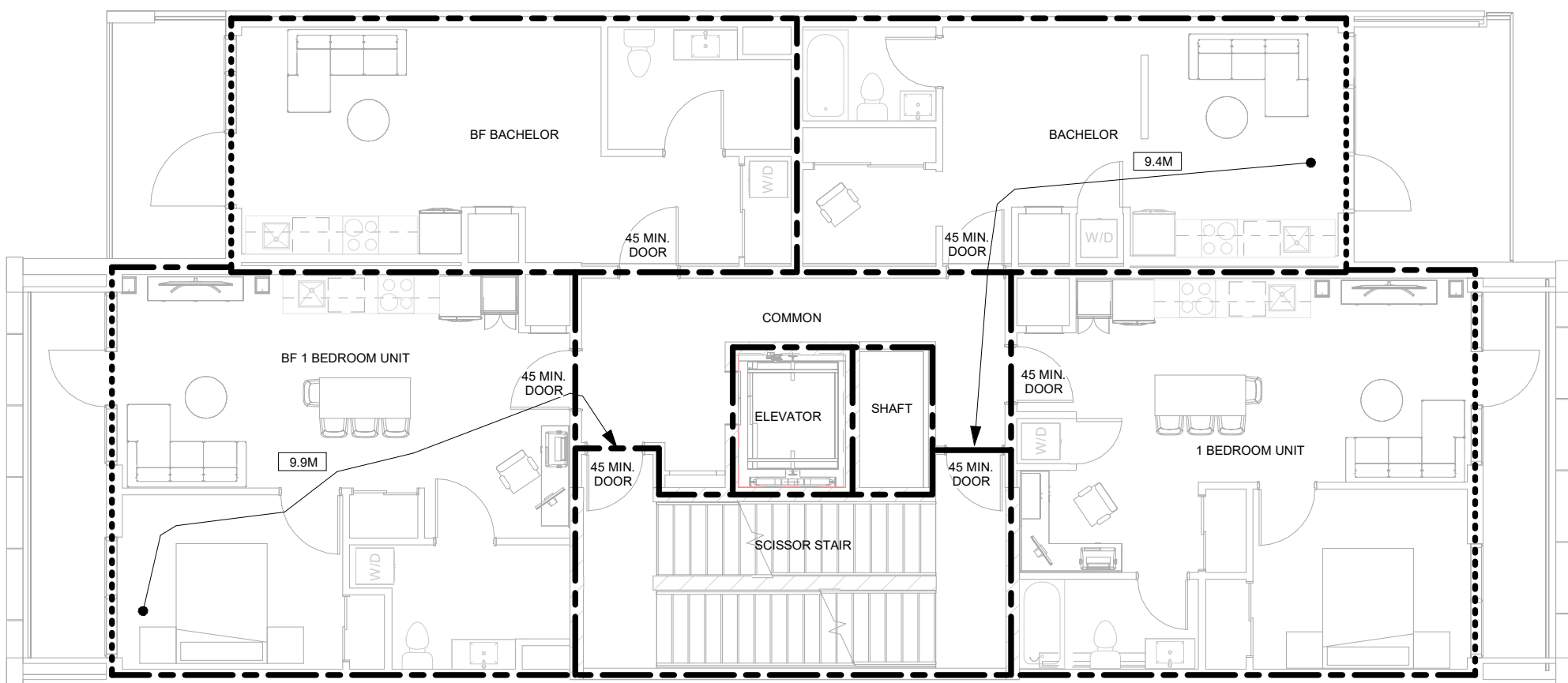
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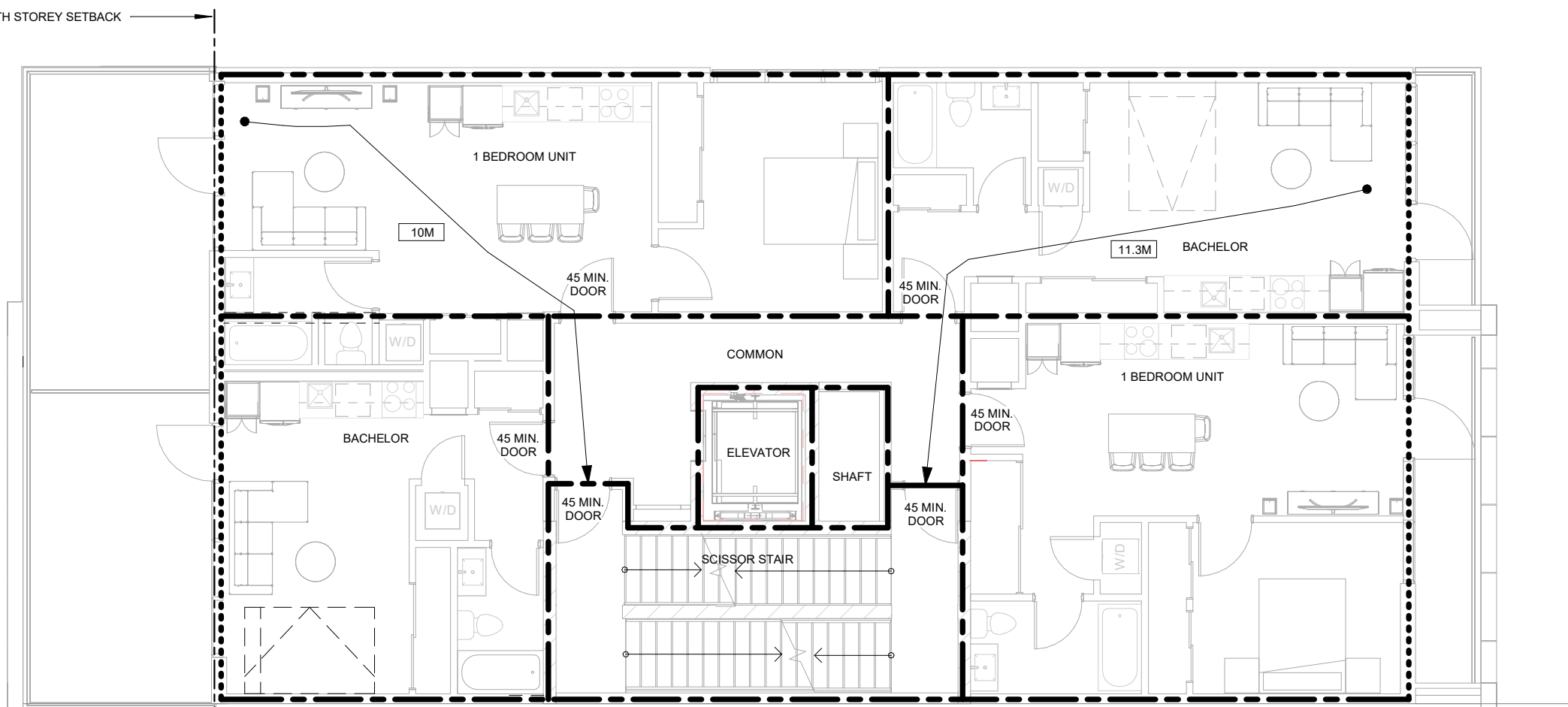
1 BASEMENT LEVEL FLS PLAN
A006 1:100



2 FIRST LEVEL FLS PLAN
A006 1:100



3 FLS PLAN - LEVELS 2-4
A006 1:100



4 FIFTH LEVEL FLS PLAN
A006 1:100

LIFE & SAFETY LEGEND :	
REFER TO MECHANICAL ENGINEER DRAWINGS	
SYMBOL	DESCRIPTION
CONTRACTOR TO ENSURE PROPER SPRINKLER COVERAGE IS MAINTAINED THROUGHOUT THE SPACE AS PER NFPA-13 AND CBC REQUIREMENTS. ALL SPRINKLER WORK SHALL BE TO THE APPROVAL OF THE OWNERS/ LANDLORDS INSURANCE UNDERWRITER AND CONFORMANCE TO THE BASE BUILDING SPECIFICATIONS, NATIONAL FIRE PROTECTION ASSOCIATION SECTION #1, ONTARIO BUILDING CODE AND ALL GOVERNING AUTHORITIES ALL COMPONENTS SHALL BE UL/C APPROVED	
	UPRIGHT SPRINKLER HEAD AND PIPING "E" DENOTES EXISTING TO REMAIN "RR" DENOTES EXISTING TO BE REMOVED / RELOCATED "N" DENOTES NEW
	CONCEALED SPRINKLER HEAD "E" DENOTES EXISTING TO REMAIN "RR" DENOTES EXISTING TO BE REMOVED / RELOCATED "N" DENOTES NEW
	PENDANT SPRINKLER HEAD "E" DENOTES EXISTING TO REMAIN "RR" DENOTES EXISTING TO BE REMOVED / RELOCATED "N" DENOTES NEW
	SIDEWALL OR WINDOW SPRINKLER HEAD "E" DENOTES EXISTING TO REMAIN "RR" DENOTES EXISTING TO BE REMOVED / RELOCATED "N" DENOTES NEW
	ELECTRONIC MAGNETIC LOCKING DEVICE (MAG-LOCK) BY ENGINEER
	PUSH BUTTON RELEASE OR SENSOR BY ENGINEER
	FIRE PULL STATION BY ENGINEER
	EXIT LIGHT WALL MOUNTED C/W FACES AND ARROWS AS INDICATED
	EXIT CEILING MOUNTED
EXIT SIGNS ARE TO BE REVIEWED ON SITE TO ENSURE THEY ARE VISIBLE ALONG ALL PATHS OF EGRESS/EXITS AS OBSTRUCTIONS BY OBJECTS, PILES, ETC. MAY NOT BE OBVIOUS ON PLANS. ADD, RELOCATE AND ADJUST SIGNS AND EMERGENCY LIGHTING AS REQUIRED TO ACHIEVE THEIR INTENDED PERFORMANCE OBJECTIVE. CONTRACTOR TO CARRY FOR ID ADDITIONAL EXIT SIGNS TO SUPPLY AND INSTALL IN CASE INSPECTOR REQUESTS.	
FIRE ALARM LEGEND :	
SYMBOL	DESCRIPTION
	CEILING MOUNTED FIRE DETECTOR
	CEILING MOUNTED SMOKE ALARM
	CEILING MOUNTED EMERGENCY STROBE LIGHT
	CEILING MOUNTED FIRE ALARM TO BE VISUAL AND AUDIBLE - SHALL COMPLY WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE AND IN CONFORMANCE WITH CANULC-5524 INSTALLATION OF FIRE ALARM SYSTEMS TO BE COMPATIBLE WITH REMAINING DEVICES. UPON COMPLETION OF WORK ALL EXISTING ANCILLARY SYSTEMS, DEVICES, SMOKE CONTROL AND EXHAUST SYSTEMS SHALL BE RECONNECTED AND SHALL FUNCTION AND OPERATE AS ORIGINALLY DESIGNED.
NOTES NO STRUCTURAL MODIFICATIONS HAVE BEEN MADE TO AFFECT LOAD BEARING WALLS AND/OR ASSEMBLIES. REFER TO MECHANICAL AND ELECTRICAL ENGINEERS DRAWINGS FOR OTHER LIFE SAFETY REQUIREMENTS	

FLOOR SAFETY LEGEND :	
SYMBOL	DESCRIPTION
	DENOTES AREA NOT IN CONTRACT
	DISTANCE BETWEEN EGRESS XX MIN
	FIRE HOSE COVERAGE MAX. (75 FT) + (10 FT) STREAM = 85 OR MAX. 100FT + 10FT STREAM = 110FT
	TRAVEL DISTANCE TO EXIT MAX. 25 m (82'7")
	EGRESS DOOR W/ CLOSURE & POSITIVE LATCH (MIN. 45 MIN. LABEL STEEL FRAME W/ CLOSURE OR EXISTING) BY OTHERS
	DENOTES LOCATION OF EXIT
	FIRST AID STATION
	DENOTES FIRE HOSE CABINET
	1,800 mm X 1,800 mm (7'1" X 7'1") UNOBSTRUCTED SPACE LOCATED AT EVERY 30 m (98'4") IF THE CORRIDOR IS LESS THAN 1,600 mm (52') IN WIDTH
	DENOTES 45 MINUTE FIRE RATING PERIMETER
	DENOTES 1 HOUR FIRE RATING PERIMETER
	DENOTES 1.5 HOUR FIRE RATING PERIMETER
	DENOTES 2 HOUR FIRE RATING PERIMETER
NOTES PUBLIC / MAJOR CORRIDORS ALL PUBLIC AND MAJOR CORRIDORS WIDTH TO BE A MINIMUM OF 3'-7" (1,100 mm). 3'-0" TO 3'-6" RECOMMENDED SUBSIDIARY AISLES ALL SUBSIDIARY AISLES TO BE A MINIMUM OF 3'-0" (900 mm) MAY NOT BRANCH OFF FOR MORE THAN 24'-7" (7.5M). 3'-7" IS RECOMMENDED CORRIDOR LENGTHS THE MAXIMUM CORRIDOR LENGTH WITH A WIDTH OF 3'-7" (1,100 mm) SHALL BE 29'-6" (9 M) WORKSTATION LENGTHS THE MAXIMUM AISLE LENGTH WITH A WIDTH OF 3'-0" (900 mm) SHALL BE 24'-7" (7.5 M)	
FLAME SPREAD RATING CLASSIFICATION FOR INTERIOR FINISHES:	
ITEM	FLAME SPREAD RATING
-CEILING	25 FSR MAXIMUM
-PUBLIC CORRIDOR WALLS	75 FSR MAXIMUM
- WORKSTATIONS / MOVABLE PARTITIONS - WALL COVERING - PAINT - WOOD VENEER - PLASTIC LAMINATE - CARPET	150 FSR MAXIMUM
- VINYL FLOORING - WOOD FLOORING	300 FSR MAXIMUM
PATH OF TRAVEL SCHEDULE	
MARK	LENGTH
15.1M	15170
8.7M	8710
9.4M	9430
9.8M	9850
10M	10060
11.3M	11330
10.6M	10640
10.2M	10270

2012 ONTARIO BUILDING CODE - DATA MATRIX										
NO.	ITEM	DESCRIPTION						CODE REFERENCE		
1	PROJECT DESCRIPTION	☒ NEW CONST. ☐ ALTERATION ☐ TENANT FITUP ☐ ADDITION ☐ CHANGE OF USE ☐ OTHER						PART 3 // PART 9		
2	MAJOR OCCUPANCY(S) PROPOSED	GROUP C, UP TO 6 STOREYS, SPRINKLERED, COMBUSTIBLE CONSTRUCTION						3.2.2.43A 9.10.1.3.		
3	BUILDING AREA	TOTAL COMPLEX BUILDING AREA: PROPOSED RENOVATION AREA:				243 m ² - m ²	3.2.2.43.(1)(d)(vi) 1.4.1.2.			
4	GROSS AREA (Above Grade)	TOTAL COMPLEX GROSS FLOOR AREA: PROPOSED RENOVATION AREA				1341 m ² - m ²	1.4.1.2.			
5	NUMBER OF STOREYS (Existing Building)	ABOVE GRADE: BELOW GRADE:				6 1	1.4.1.2. & 3.2.1.1.			
6	NUMBER OF STREETS / ACCESS ROUTES	1 STREET - MERIVALE RD				3.2.2.10., & 3.2.5.				
7	BUILDING CLASSIFICATION	GROUP C, UP TO 6 STOREYS, SPRINKLERED, COMBUSTIBLE CONSTRUCTION						3.2.2.43A., 9.10.2.		
8	SPRINKLER SYSTEM PROPOSED	YES						3.2.2.18., 3.2.2.43A., 3.2.4.7.(2), 3.2.4.9.(2), 3.2.5.13., & NFPA 13		
9	STANDPIPE REQUIRED	YES						3.2.9.1.(1), 3.2.9.2., 3.2.9.3.(1), 3.2.9.4., & NFPA 14-2007		
10	FIRE ALARM REQUIRED	YES						3.2.4.1.		
11	WATER SERVICE / SUPPLY IS ADEQUATE	TBC BY ENGINEER						3.2.5.7.		
12	HIGH BUILDING	NO, TOP FLOOR IS LESS THAN 18M ABOVE GRADE						3.2.6.1.(1)(d)		
13	CONSTRUCTION RESTRICTIONS	PERMITTED CONSTRUCTION: COMBUSTIBLE W/ NON-COMBUSTIBLE CLADDING ACTUAL CONSTRUCTION: COMBUSTIBLE W/ NON-COMBUSTIBLE CLADDING						3.2.2.43A		
14	MEZZANINE(S) AREA (sqm)	N/A						3.2.1.1.		
15	OCCUPANT LOAD BASED ON BUILDING CODE AREA PER SQUARE METRE	AS PER 3.1.17.1 (b), (i) BACHELOR UNITS = 1 PERSON PER UNIT (X10) 1 BEDROOM UNITS = 2 PERSONS PER UNIT (X10) 2 BEDROOM LOFT = 4 PERSONS PER UNIT (X1) TOTAL NUMBER OF OCCUPANTS: 34						3.1.17. & TABLE 3.1.17.1.		
16	BARRIER-FREE DESIGN	YES						3.8.		
17	HAZARDOUS SUBSTANCES	NO						3.3.1.2.		
18	REQUIRED FIRE RESISTANCE RATING (FRR)	FLOORS: 1 HR ROOF: 1 HR LOADBEARING WALLS: 1 HR				DEMISING UNIT WALLS: 1 HR		3.3.1.1., 3.3.4.2., 9.10.8, 9.10.9		
19	SPATIAL SEPARATION							3.2.3.		
20	PLUMBING FIXTURE REQUIREMENTS	WATER CLOSTES PROVIDED PER DWELLING UNIT		OCCUPANT LOAD	WATER CLOSTES REQUIRED		WATER CLOSTES PROVIDED		3.7.4.3. 3.7.4.2(3): URINALS SUBSTITUTED FOR WATER CLOSET IN MEN'S	
		TOTAL 20 WATER CLOSTES		34 RESIDENTS	MALE	FEMALE	MALE	FEMALE		
21	TRAVEL DISTANCE	TO EXIT		37m MAX.		3.4.2.5.(1)(c) 3.4.2.5.(1)(b)				
22	SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS									
	WALL	AREA OF EBF (m ²)	L.D. (m)	PERM MAX % OPENINGS	PROP. % OPENINGS	FRR (hrs)	LIST DESIGN	COMB. CONST.	COMB. CONST. NONC. CLAD.	NON-COMB. CONST.
	NORTH	555	1.2	14	12.4	1 hr	-	-	YES	-
	SOUTH	459	1.2	14	3.5	1 hr	-	-	YES	-
	EAST	215	8.29	82	61.2	45 min	-	-	YES	-
	WEST	215	14.8	100	49.7	45 min	-	-	YES	-

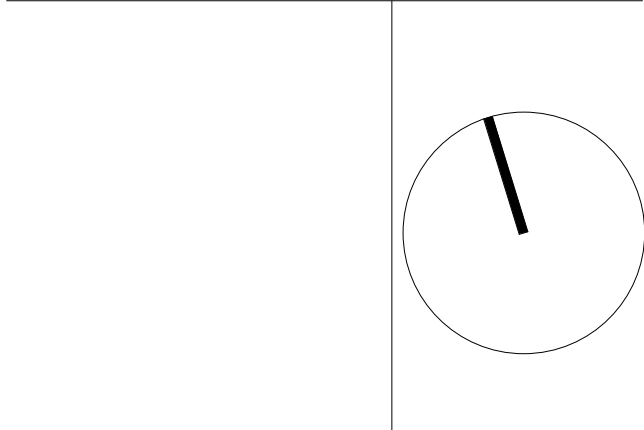


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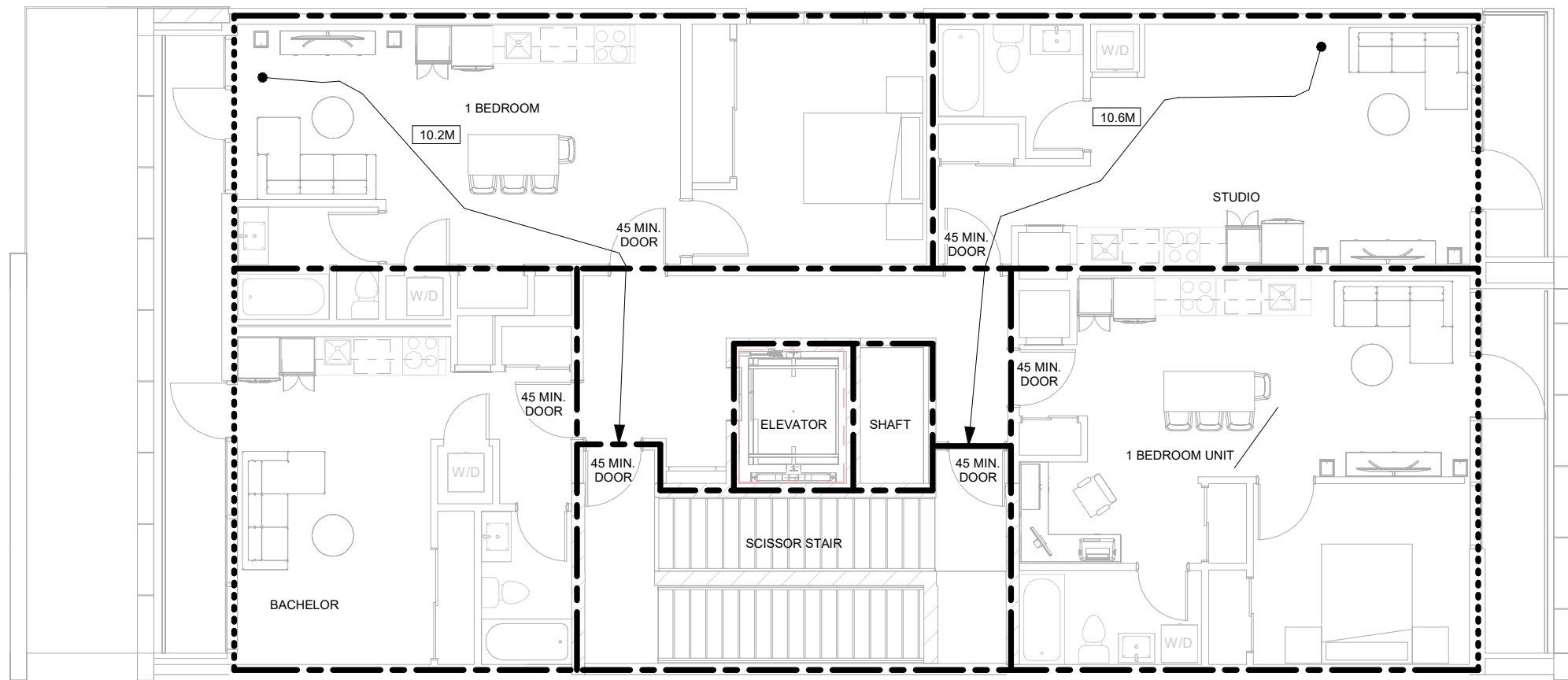
LIFE & SAFETY PLAN

A006

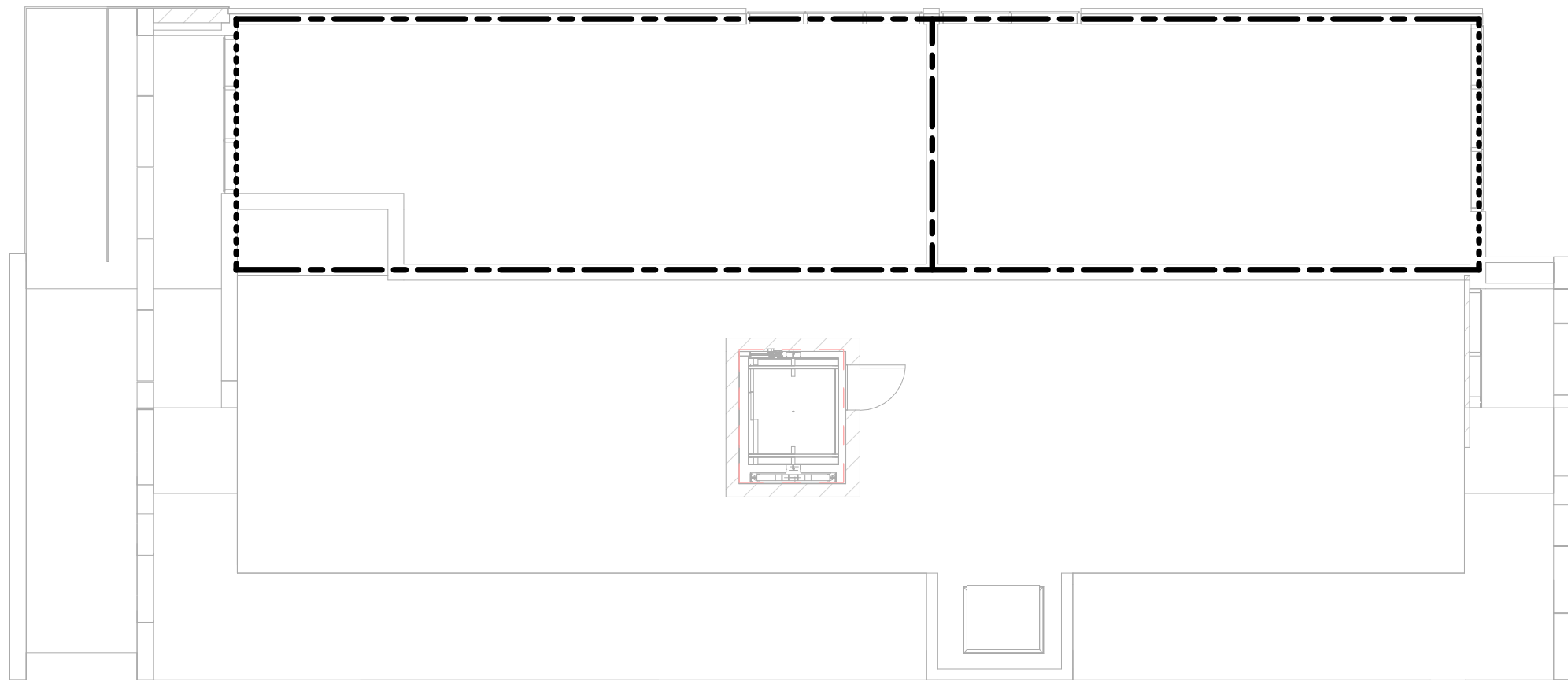
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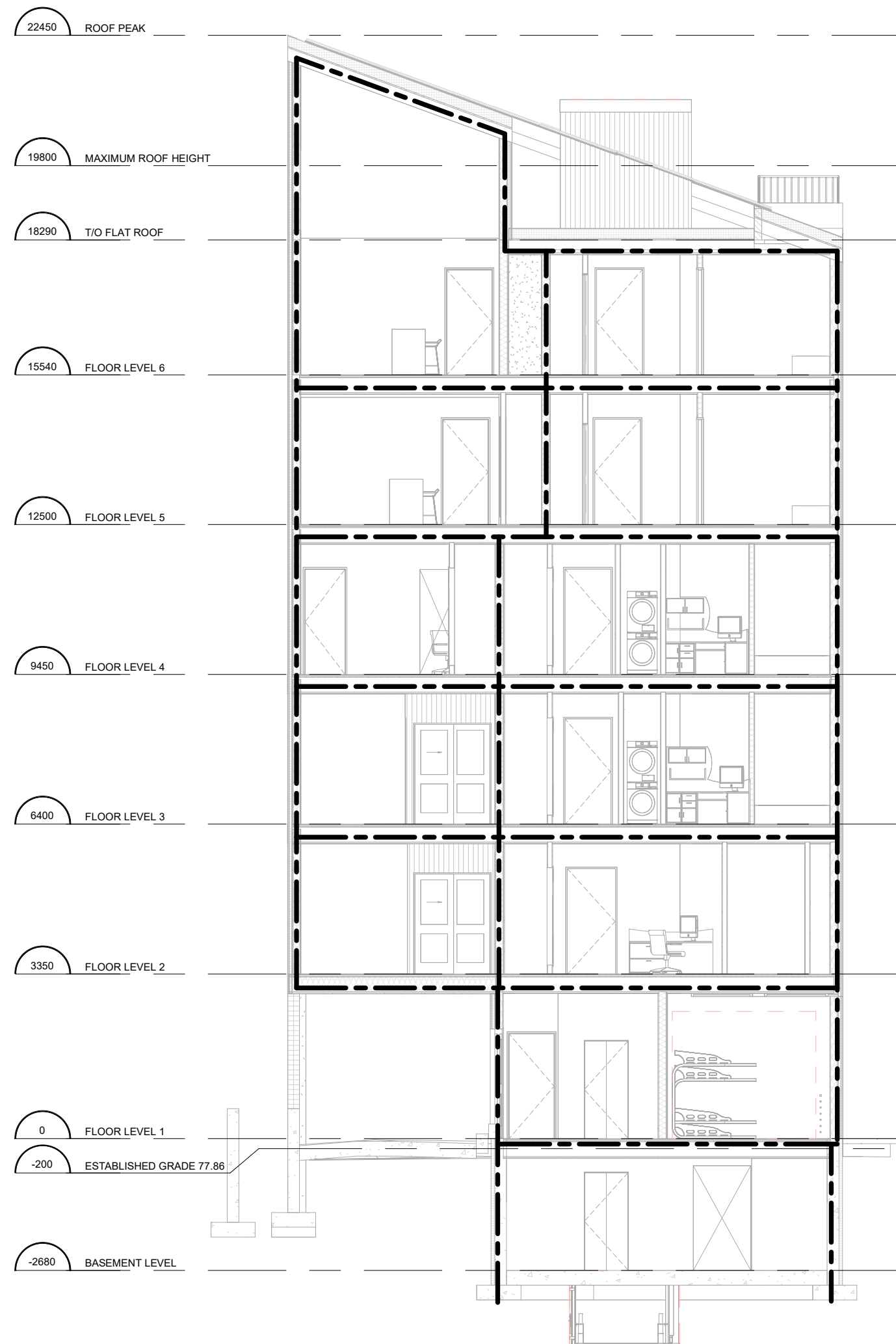
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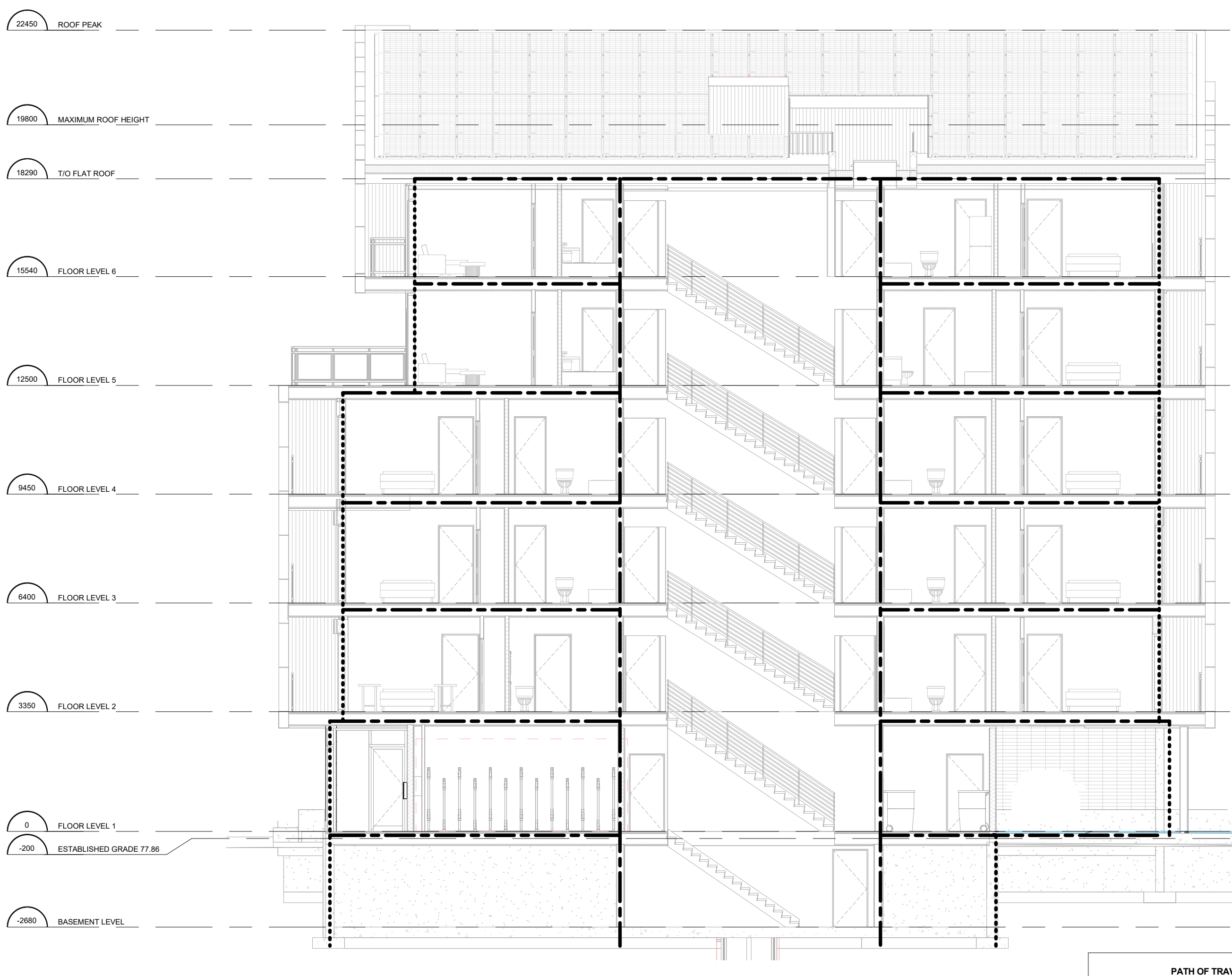
2 SIXTH LEVEL FLS PLAN
A007 1 : 100



1 FLAT ROOF FLS PLAN
A007 1 : 100



3 NORTH/SOUTH FLS SECTION
A007 1 : 100



4 EAST/WEST FLS SECTION
A007 1 : 100

PATH OF TRAVEL SCHEDULE		
MARK		LENGTH
15.1M		15170
8.7M		8710
9.4M		9430
9.5M		9560
10M		10060
11.3M		11330
10.6M		10640
10.2M		10270

FLOOR SAFETY LEGEND :	
SYMBOL	DESCRIPTION
	DENOTES AREA NOT IN CONTRACT
	DISTANCE BETWEEN EGRESS XX MIN.
	FIRE HOSE COVERAGE MAX. (75 FT) + (10 FT) STREAM + 85' OR MAX. 100FT + 10FT STREAM + 110FT
	TRAVEL DISTANCE TO EXIT MAX. 25 m (82'-0")
	EGRESS DOOR W/ CLOSURE & POSITIVE LATCH (MIN. 45 MIN. LABEL STEEL FRAME W/ CLOSURE OR EXISTING) BY OTHERS
	DENOTES LOCATION OF EXIT
	FIRST AID STATION
	DENOTES FIRE HOSE CABINET
	1,800 mm X 1,800 mm (7'1" X 7'1") UNOBSTRUCTED SPACE LOCATED AT EVERY 30 m (98'-4") IF THE CORRIDOR IS LESS THAN 1,800 mm (6'0") IN WIDTH
	DENOTES 45 MINUTE FIRE RATING PERIMETER
	DENOTES 1 HOUR FIRE RATING PERIMETER
	DENOTES 1.5 HOUR FIRE RATING PERIMETER
	DENOTES 2 HOUR FIRE RATING PERIMETER
NOTES	
PUBLIC / MAJOR CORRIDORS ALL PUBLIC AND MAJOR CORRIDORS WIDTH TO BE A MINIMUM OF 3'-7" (1,100 mm). 5'-0" TO 5'-6" RECOMMENDED	
SUBSIDIARY AISLES ALL SUBSIDIARY AISLES TO BE A MINIMUM OF 3'-0" (900 mm) MAY NOT BRANCH OFF FOR MORE THAN 24.7' (7.5M). 3'-7" IS RECOMMENDED	
CORRIDOR LENGTHS THE MAXIMUM CORRIDOR LENGTH WITH A WIDTH OF 3'-7" (1,100 mm) SHALL BE 29'-0" (9 M).	
WORKSTATION LENGTHS THE MAXIMUM AISLE LENGTH WITH A WIDTH OF 3'-0" (900 mm) SHALL BE 34'-7" (10.5 M).	

FLAME SPREAD RATING CLASSIFICATION FOR INTERIOR FINISHES:	
ITEM	FLAME SPREAD RATING
-CEILING	25 FSR MAXIMUM
-PUBLIC CORRIDOR WALLS	75 FSR MAXIMUM
-WORKSTATIONS / MOBILE PARTITIONS -WALLCOVERING -PAINT -WOOD VENEER -PLASTIC LAMINATE -CARPET	150 FSR MAXIMUM
-VINYL FLOORING -WOOD FLOORING	300 FSR MAXIMUM

LIFE & SAFETY LEGEND :	
"REFER TO MECHANICAL ENGINEER DRAWINGS"	
SYMBOL	DESCRIPTION
CONTRACTOR TO ENSURE PROPER SPRINKLER COVERAGE IS MAINTAINED THROUGHOUT THE SPACE AS PER NFPA-13 AND OBC REQUIREMENTS. ALL SPRINKLER WORK SHALL BE TO THE APPROVAL OF THE OWNERS / LANDLORDS INSURANCE UNDERWRITER AND IN CONFORMANCE TO THE BASE BUILDING SPECIFICATIONS, NATIONAL FIRE PROTECTION ASSOCIATION SECTION #13, ONTARIO BUILDING CODE AND ALL GOVERNING AUTHORITIES ALL COMPONENTS SHALL BE UL APPROVED	
	UPRIGHT SPRINKLER HEAD AND PIPING 'E' DENOTES EXISTING TO REMAIN 'RR' DENOTES EXISTING TO BE REMOVED / RELOCATED 'N' DENOTES NEW
	CONCEALED SPRINKLER HEAD 'E' DENOTES EXISTING TO REMAIN 'RR' DENOTES EXISTING TO BE REMOVED / RELOCATED 'N' DENOTES NEW
	PENDANT SPRINKLER HEAD 'E' DENOTES EXISTING TO REMAIN 'RR' DENOTES EXISTING TO BE REMOVED / RELOCATED 'N' DENOTES NEW
	SIREWALL OR WINDOW SPRINKLER HEAD 'E' DENOTES EXISTING TO REMAIN 'RR' DENOTES EXISTING TO BE REMOVED / RELOCATED 'N' DENOTES NEW
	ELECTRONIC MAGNETIC LOCKING DEVICE (MAG-LOCK) BY ENGINEER
	PUSH BUTTON RELEASE OR SENSOR BY ENGINEER
	FIRE PULL STATION BY ENGINEER
	EXIT LIGHT WALL MOUNTED C/W FACES AND ARROWS AS INDICATED
	EXIT CEILING MOUNTED
EXIT SIGNS ARE TO BE REVIEWED ON SITE TO ENSURE THEY ARE VISIBLE ALONG ALL PATHS OF EGRESS/EXITS AS OBSTRUCTIONS BY DUCTS, PIPES, ETC. MAY NOT BE OBVIOUS ON PLANS. ADD, RELOCATE AND ADJUST SIGNS AND EMERGENCY LIGHTING AS REQUIRED TO ACHIEVE THEIR INTENDED PERFORMANCE OBJECTIVE. CONTRACTOR TO CARRY FOR (3) ADDITIONAL EXIT SIGNS, TO SUPPLY AND INSTALL, IN CASE INSPECTOR REQUESTS.	

FIRE ALARM LEGEND :	
SYMBOL	DESCRIPTION
	CEILING MOUNTED FIRE DETECTOR
	CEILING MOUNTED SMOKE ALARM
	CEILING MOUNTED EMERGENCY STROBE LIGHT
	CEILING MOUNTED FIRE ALARM TO BE VISUAL AND AUDIBLE - SHALL COMPLY WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE AND IN CONFORMANCE WITH CANULC-3024 "INSTALLATION OF FIRE ALARM SYSTEMS". TO BE COMPATIBLE WITH REMAINING DEVICES. UPON COMPLETION OF WORK ALL EXISTING ANCILLARY SYSTEMS, DEVICES, SMOKE CONTROL AND EXHAUST SYSTEMS SHALL BE RECONNECTED AND SHALL FUNCTION AND OPERATE AS ORIGINALLY DESIGNED.

NOTES

NO STRUCTURAL MODIFICATIONS HAVE BEEN MADE TO AFFECT LOAD BEARING WALLS AND/OR ASSEMBLIES

REFER TO MECHANICAL AND ELECTRICAL ENGINEERS DRAWINGS FOR OTHER LIFE SAFETY REQUIREMENTS



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917 MERVILLE RD
OTTAWA ON
for
MARC AMYOT

2301 PROJECT 1 : 100 SCALE

Author
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LIFE & SAFETY PLAN

A007

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ZONING REQUIREMENTS - TM [2196]

EXISTING ZONING: TM[2196] Traditional Main Street Zone
PROPOSED ZONING: TM[2196] Traditional Main Street Zone

PARKING	REQUIRED	PROVIDED	COMPLIES Y/N
OFF-STREET PARKING	4	4	Y
VISITOR PARKING	1	1	Y
BARRIER FREE PARKING	0	0	Y
BICYCLE PARKING	10	22 (STACKED)	Y
SETBACKS			
FRONT YARD	MAX 2M	2M	Y
FRONT YARD ABOVE 15M	MIN 2M	2M	Y
REAR YARD	7.5M	7.9M	Y
SIDE YARD (NORTH)	1.2M	1.22M	Y
SIDE YARD (SOUTH)	1.2M	1.2M	Y
MAX HEIGHT TO ROOF MIDPOINT	20M	20M	Y
MINIMUM LOT WIDTH	0	13.73M	Y
BUILDING COVERAGE/AREA	N/A	50.5%	Y
TOTAL GFA	N/A	1,341 SM	Y
AMENITY SPACE AREA	6 SM PER UNIT = 120SM MIN 50% COMMON	BALCONY = 171 SM COMMON GF = 199 SM	Y
TOTAL NUMBER OF UNITS	N/A	20	Y
MIN LANDSCAPE BUFFER	0 - NOT ABUTTING A STREET	N/A	Y

SITE DATA

ITEM	AREA	% TOTAL
LOT AREA	481.5 SM (5,183 SFT)	100%
BUILDING AREA	243 SM (2,622 SFT)	50.5%
GROSS FLOOR AREA	1,341 SM (14,434 SFT)	
ASPHALT/CONC. AREA	168.5 SM (1,813 SFT)	35%
LANDSCAPED AREA	REAR LOT AREA 70 SM (750 SFT)	14.5%

UNIT DATA

LEVEL	STUDIO	1 BED	2 BED	TOTAL	FLOOR AREA
BASEMENT	0	0	0	0	119 SM (1280 SFT)
MAIN FLOOR	0	0	0	0	103 SM (1116 SFT)
2ND FLOOR	2	2	0	4	243 SM (2622 SFT)
3RD FLOOR	2	2	0	4	243 SM (2622 SFT)
4TH FLOOR	2	2	0	4	243 SM (2622 SFT)
5TH FLOOR	2	2	0	4	239 SM (2570 SFT)
6TH FLOOR	2	2	0	4	239 SM (2570 SFT)
TOTAL	10	10	0	20	1341 SM (14,434 SFT) A.G.

PARKING COUNT

USAGE	COUNT	PARKING RATIO	PARKING REQUIRED	PARKING PROVIDED	COMPLIES (Y/N)
STUDIOS*	10	0-10 UNITS = 0	0	0	Y
1 BED*	10	10-12 UNITS = 0 13-20 UNITS = 0.5	4	4	Y
2 BED					Y
BF SPOTS					Y
VISITOR		0-12 UNITS = 0 13-20 UNITS = 0.1	1	1	Y
TOTAL	20		5	5	Y

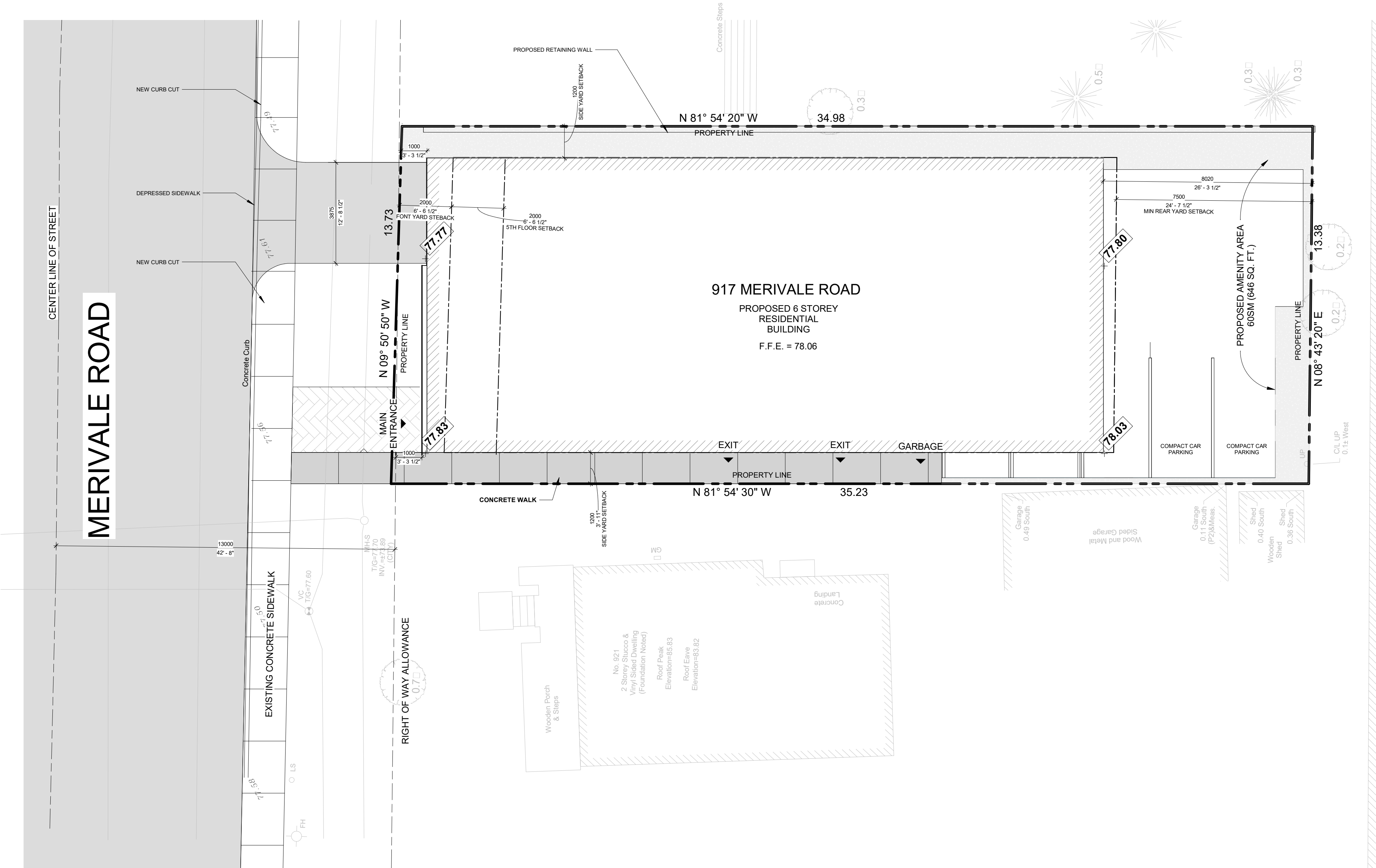
ESTABLISHED GRADE ELEVATION DATA

BUILDING CORNER	ELEVATION	CALCULATION
NORTH WEST CORNER	77.77	77.77 + 77.80 + 78.03 + 77.83 = 311.43
NORTH EAST CORNER	77.80	
SOUTH EAST CORNER	78.03	311.43 / 4 = 77.8575
SOUTH WEST CORNER	77.83	
AVERAGE GRADE ELEVATION		AVG ELEV. = 77.86

WASTE MANAGEMENT DATA

USAGE	WASTE TYPE	REQ. CY	BINS PROVIDED	COMPLIES (Y/N)
GARBAGE	LOOSE	0.11 CY/UNIT = 3	4 x 360L	Y
RECYCLING	LOOSE	0.038 CY/UNIT = 1	4 x 360L	Y
ORGANIC	LOOSE	(1) 240L BIN PER 50 UNITS	3 x 240L	Y

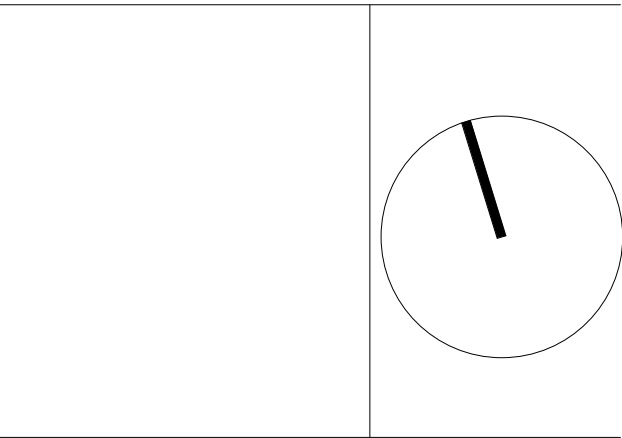
1 PROPOSED SITE PLAN
A101 1:100



KEY PLAN

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for
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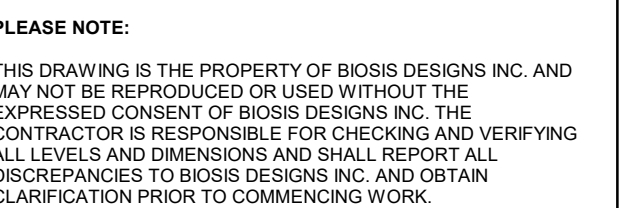
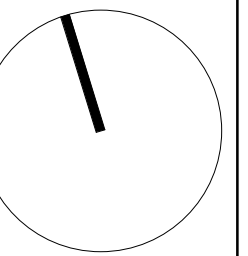
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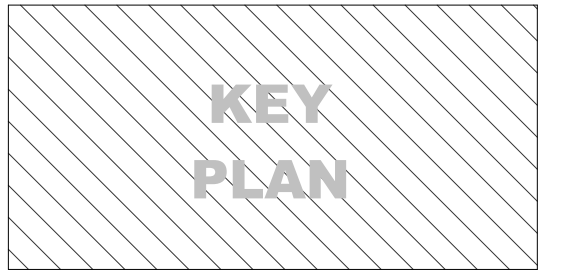
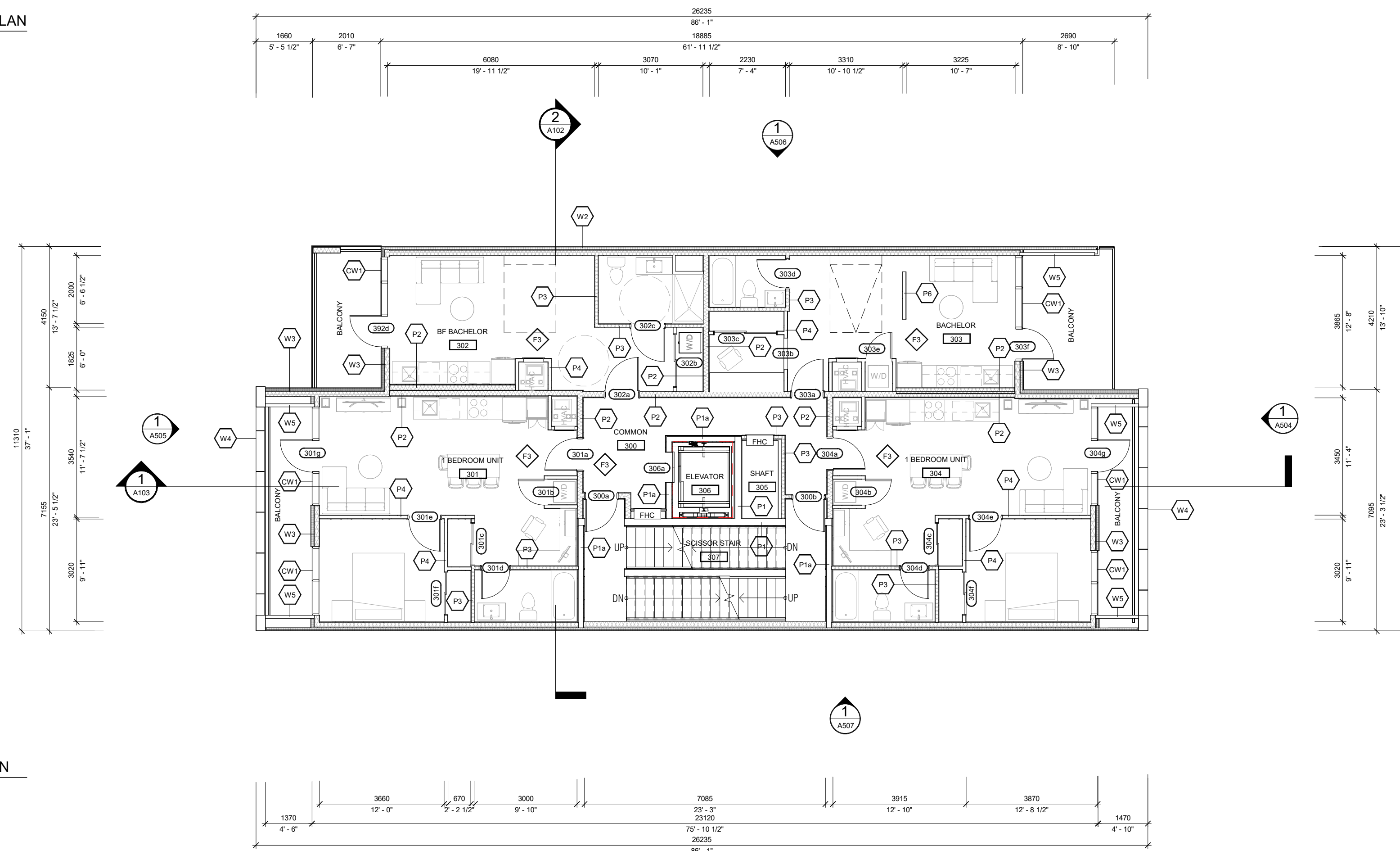
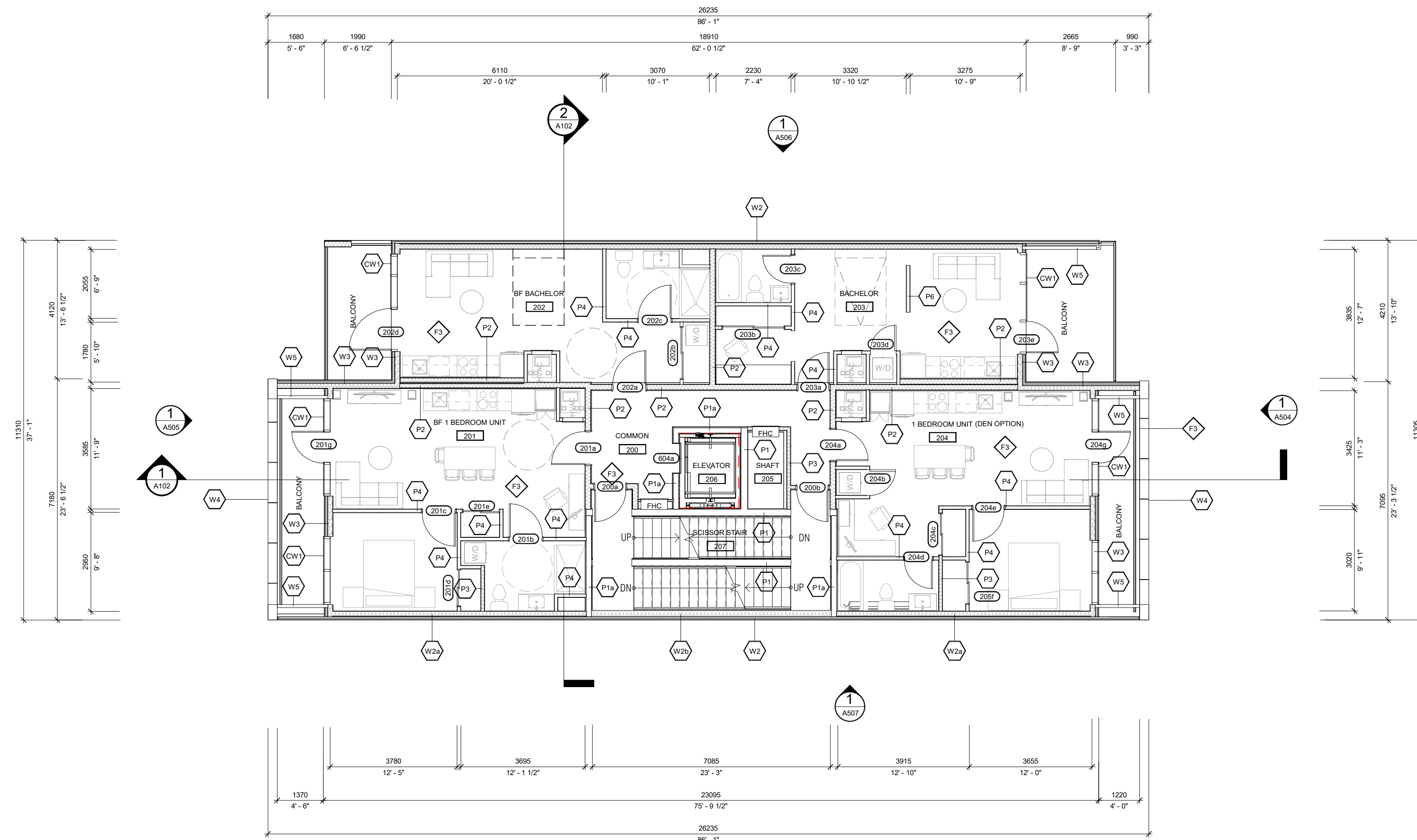
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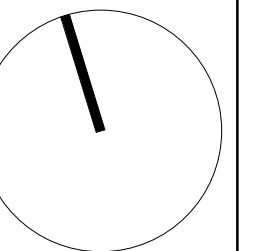


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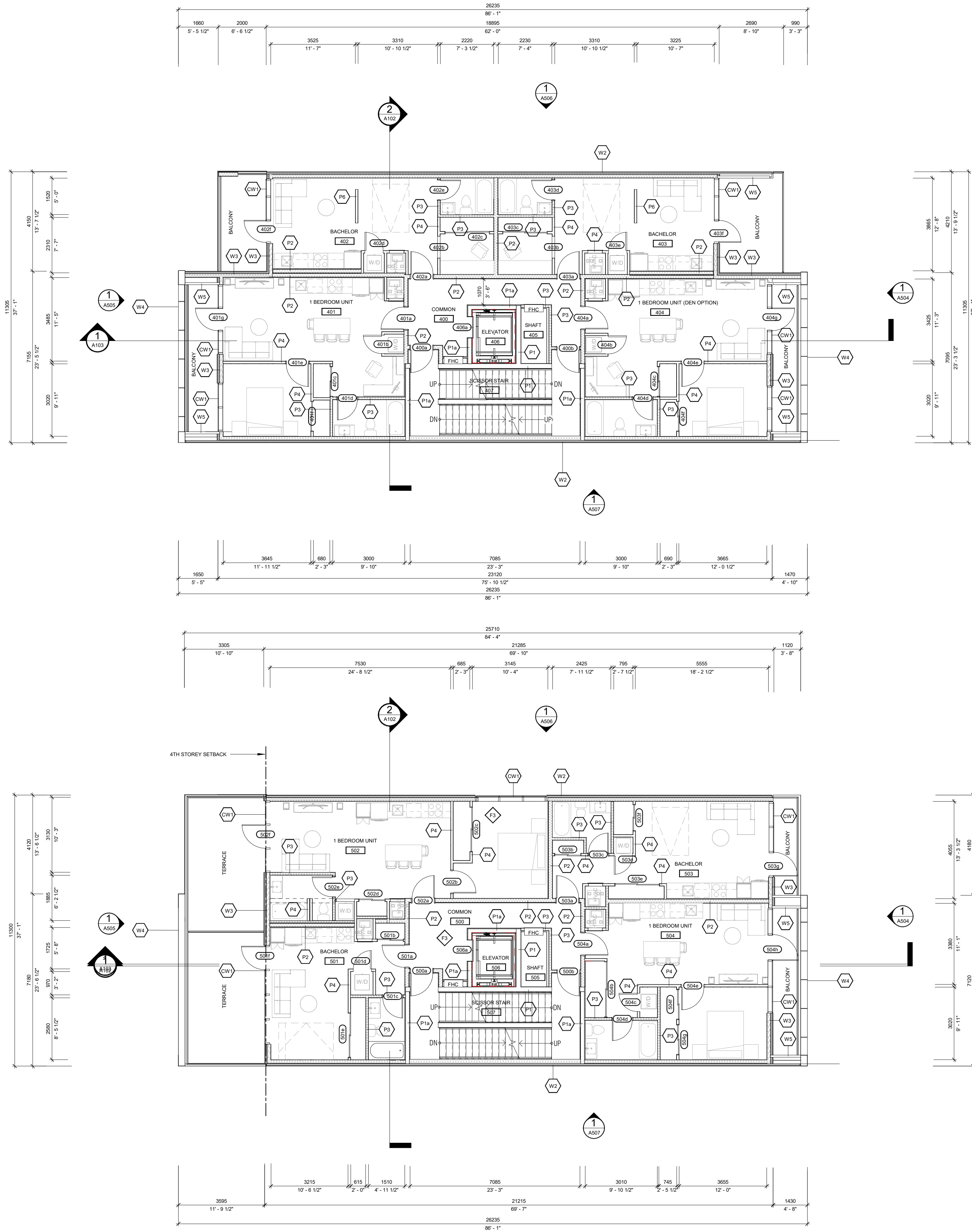
FLOOR PLANS

A103

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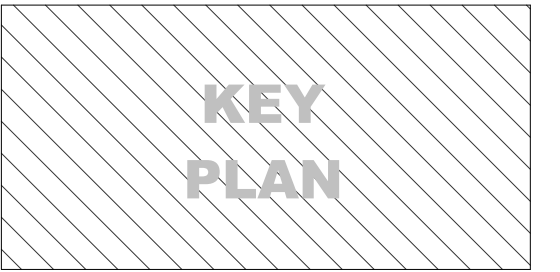
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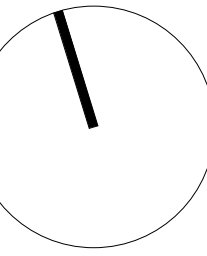
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A104
FOURTH LEVEL FLOOR PLAN
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2
A104
FIFTH LEVEL FLOOR PLAN
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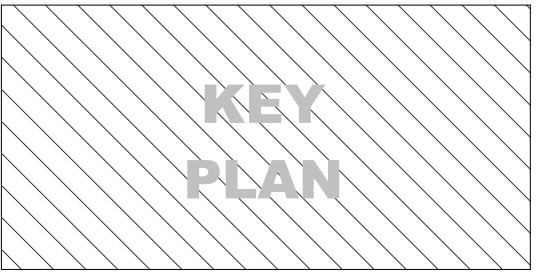
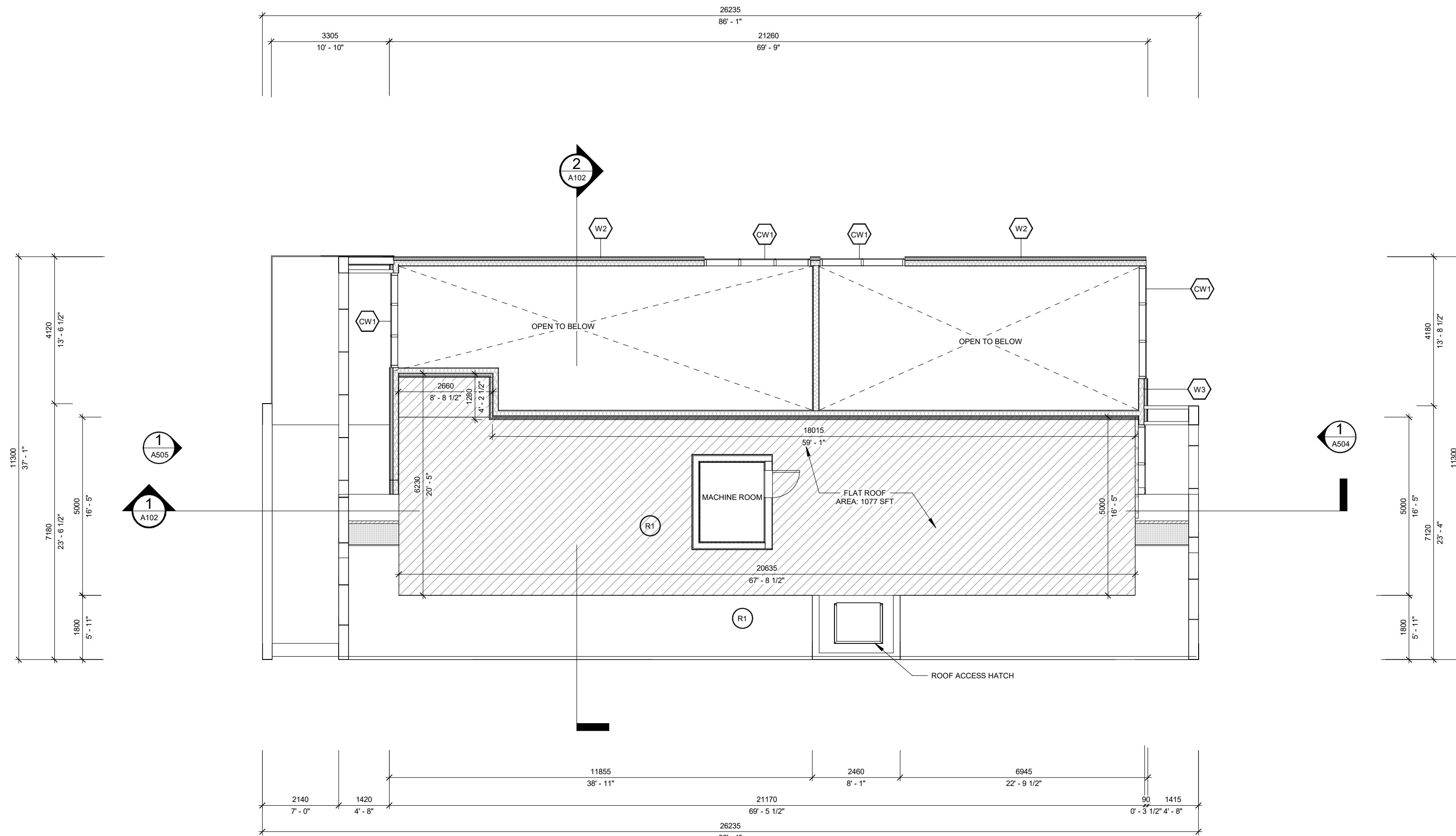
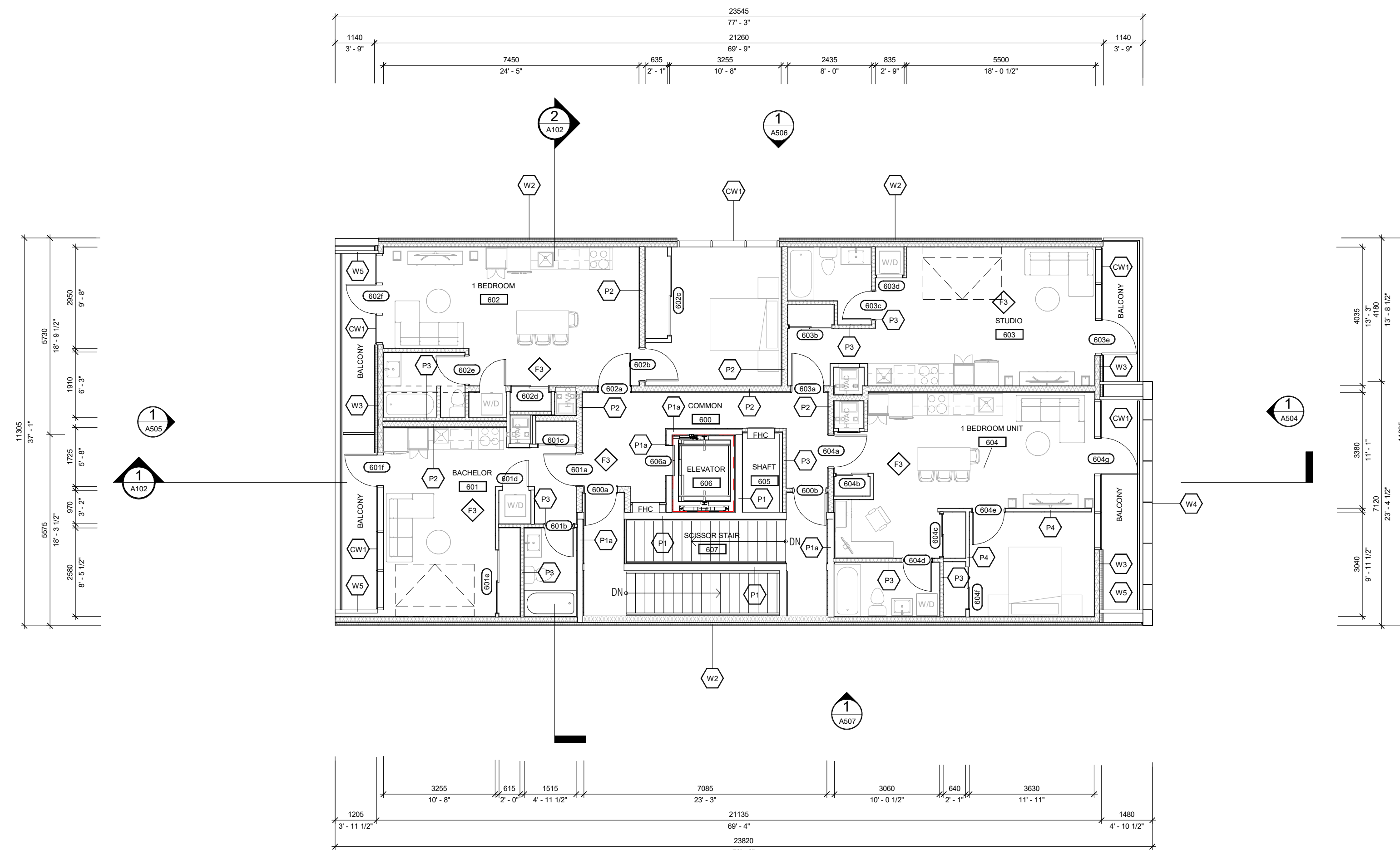
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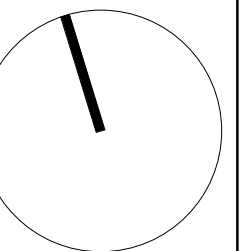
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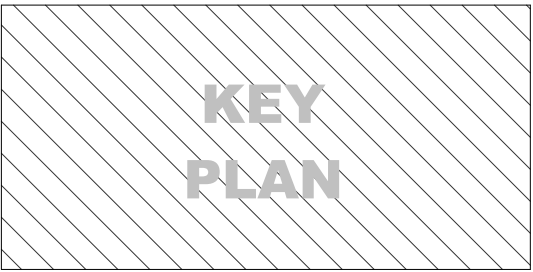
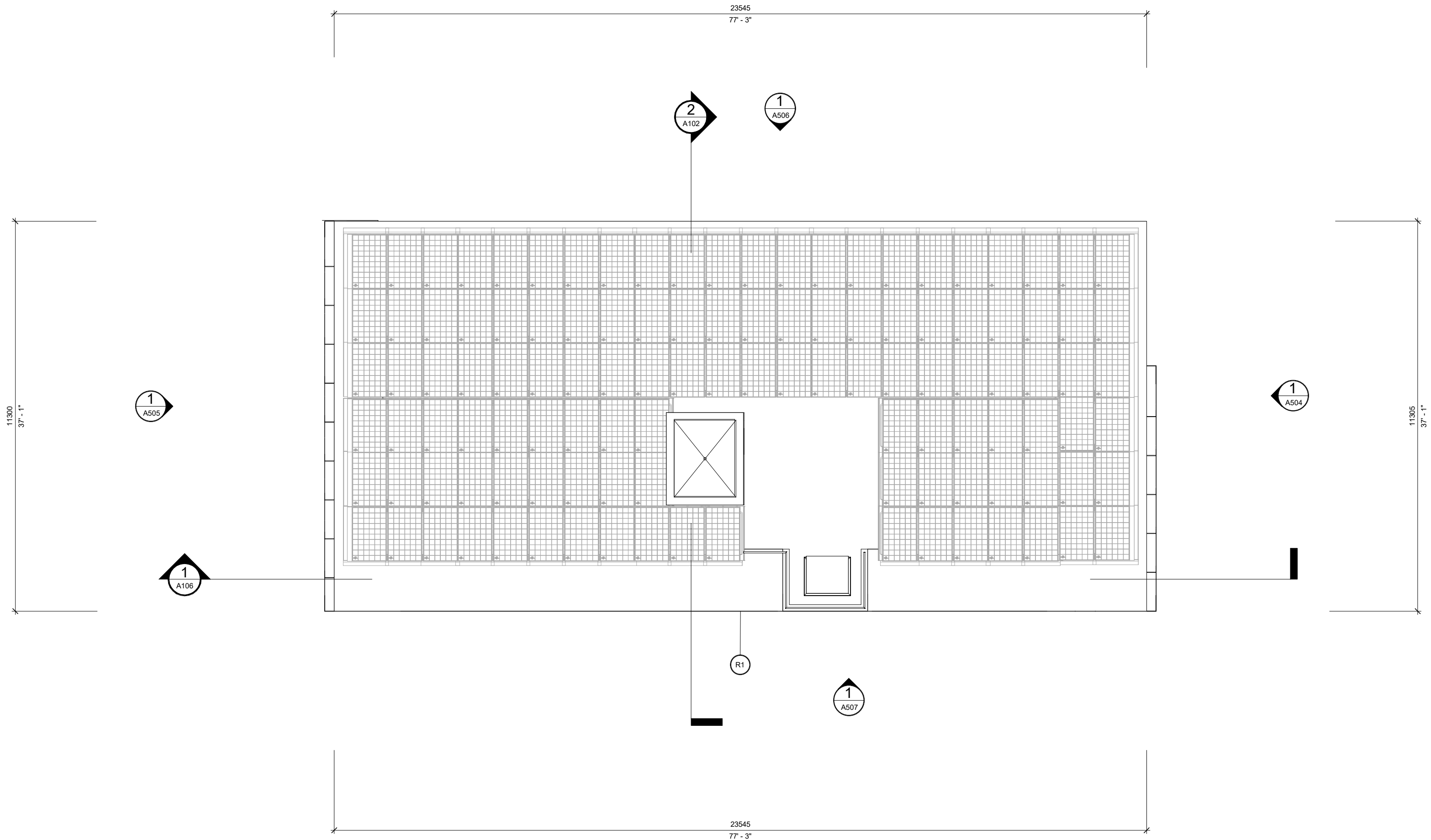
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1 ROOF PLAN
A106 1 : 100

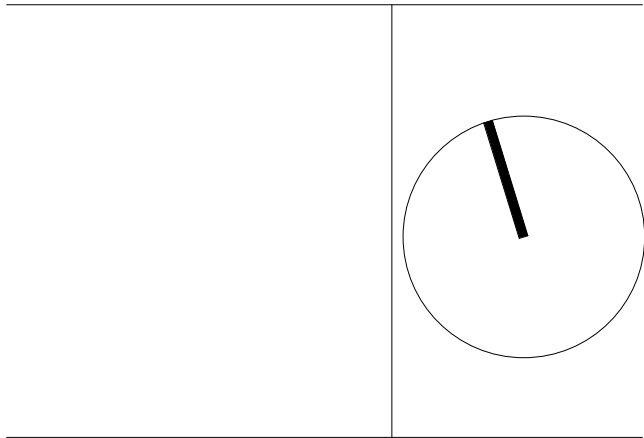


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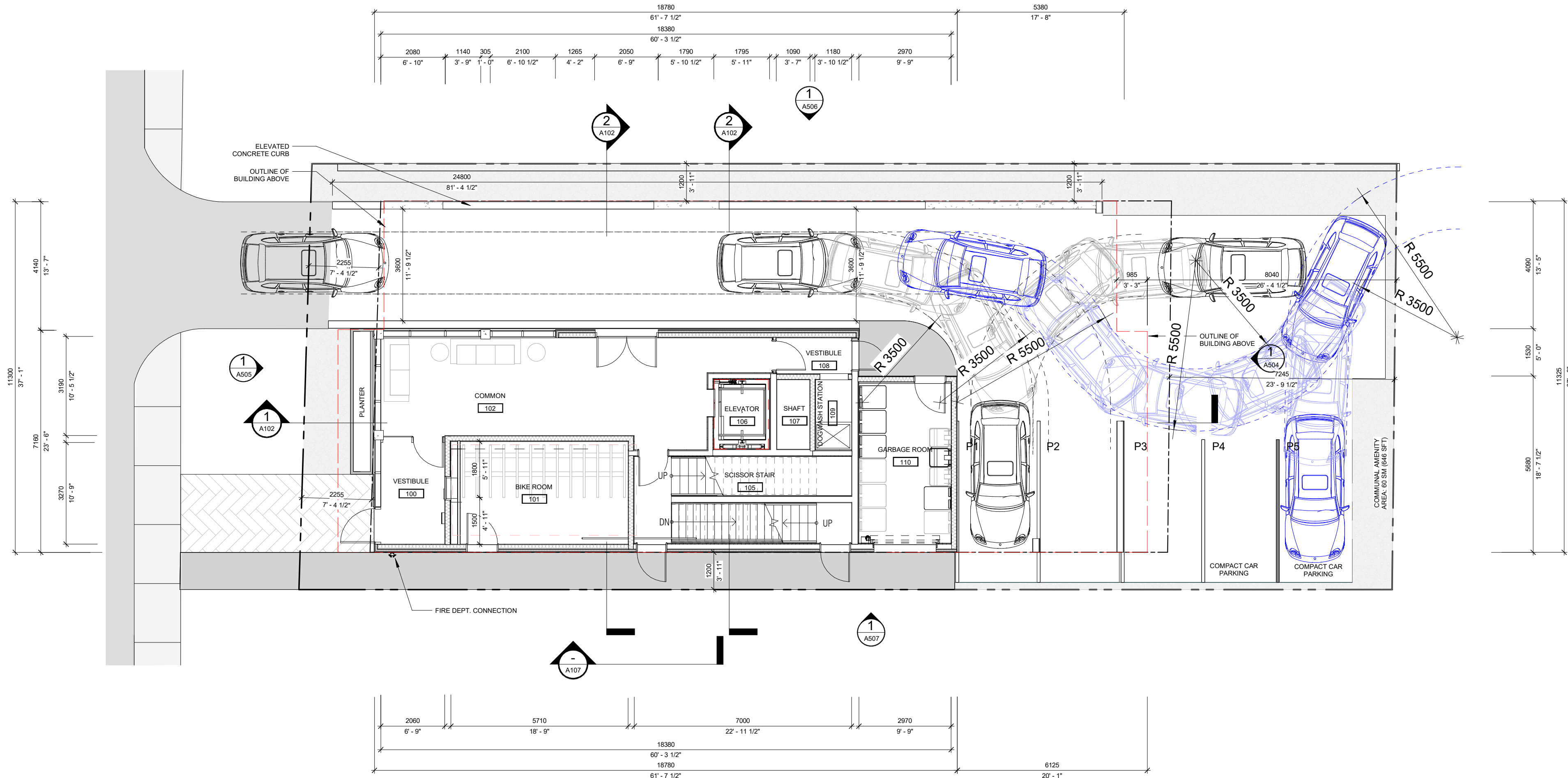
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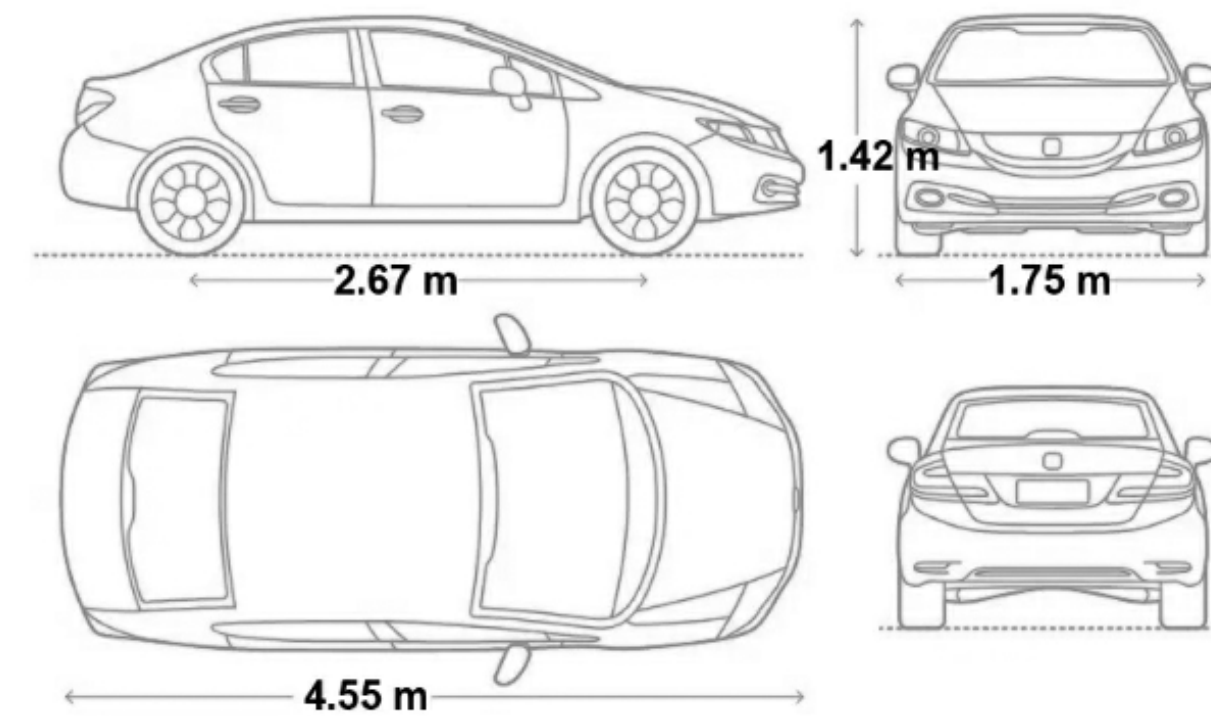
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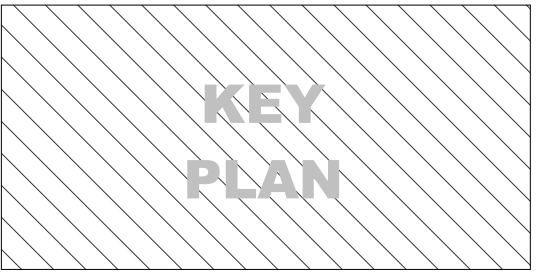
\\03.0.1\bio-drive\Projects\2301_517 Merivale Rd, Ottawa\06_Working\Revit\017 MERIVALE_RVT 2024.rvt



1 FIRST LEVEL VEHICLE TURNING - MID SIZED SEDAN
1 : 100

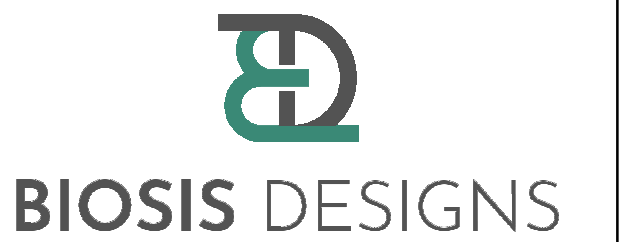
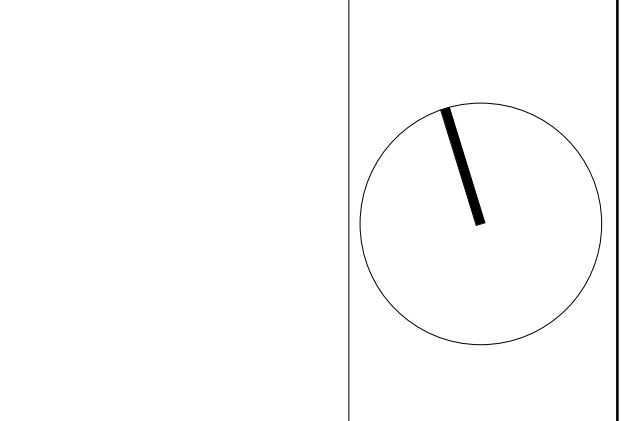


2 TYP. VEHICLE DIMENSIONS
1 : 25



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OTTAWA ON
for
MARC AMYOT

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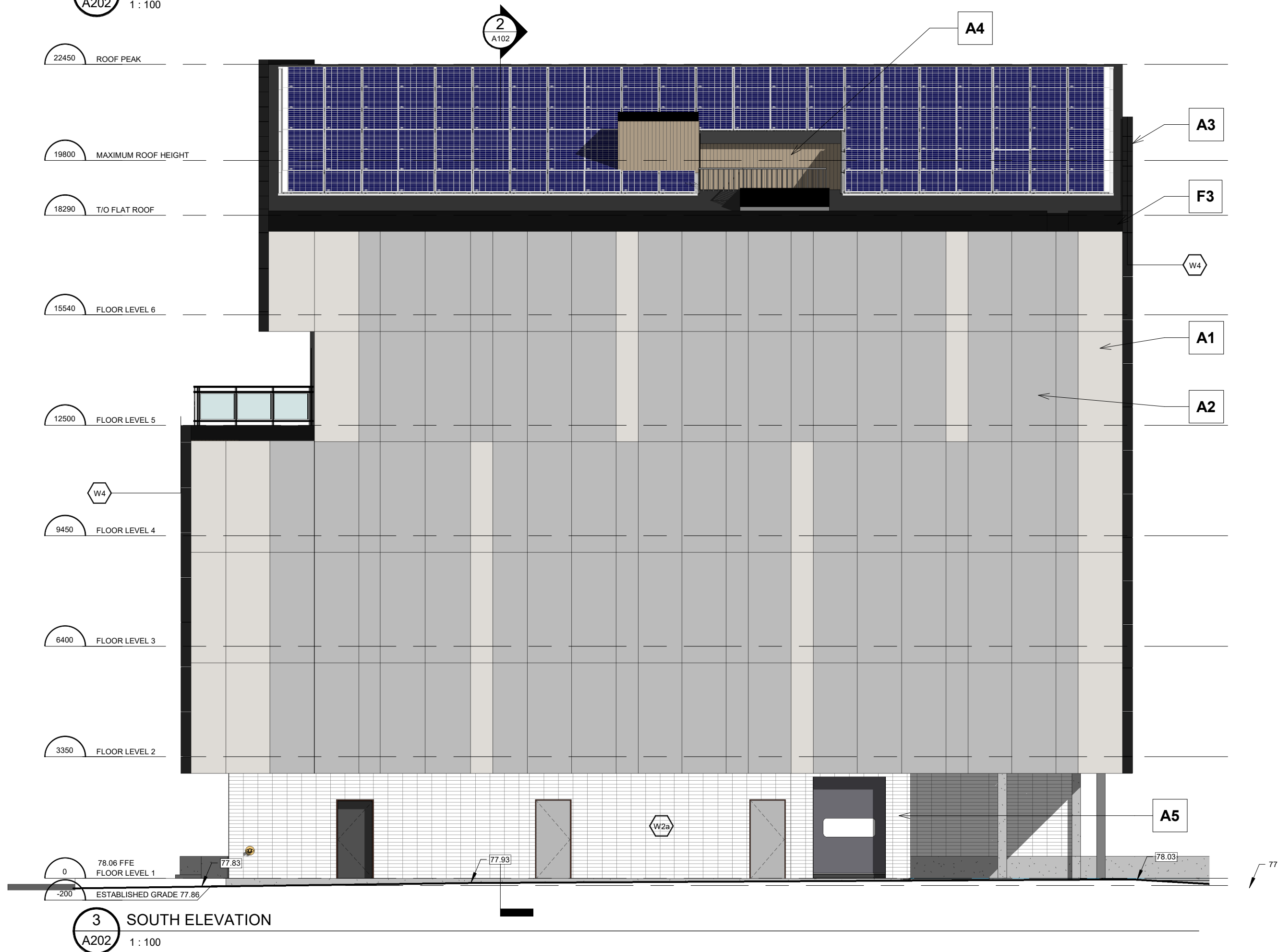
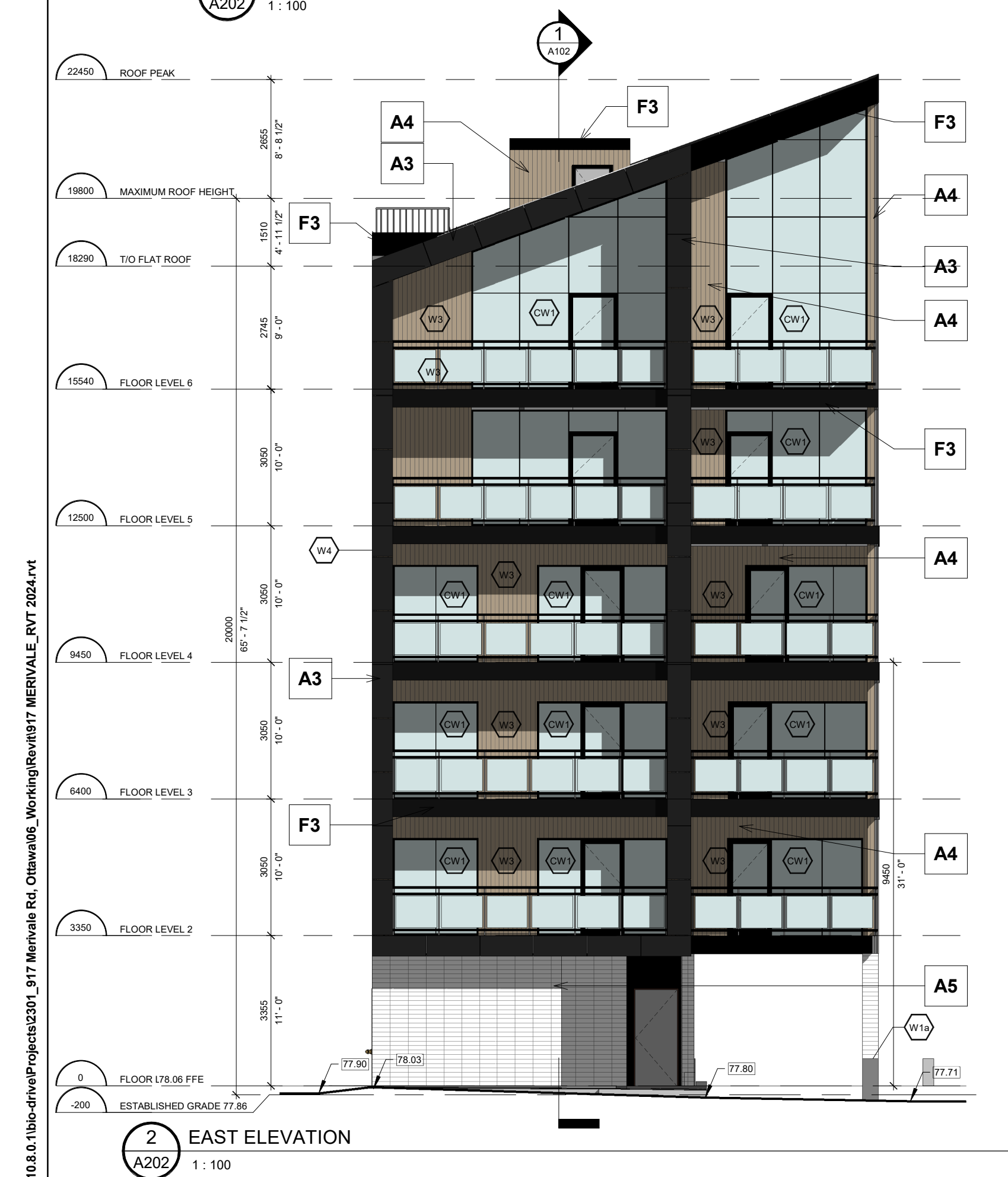
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VEHICLE TURNING PLAN

A107

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2024-07-19 1:15:13 PM





A1 - VERTICAL HARDIE PANEL

COLOUR: BIRCH TREE
STYLE: SMOOTH
PATTERN: STACKED



A2 - VERTICAL HARDIE PANEL

COLOUR: IT'S ALL ABOUT THYME
STYLE: SMOOTH
PATTERN: STACKED



A3 - ALUCOBOND ACM PANEL

COLOUR: BLACK ANODIZED
PATTERN: NO PATTERN



F3 - METAL FLASHING

COLOUR: BLACK ANODIZED
PATTERN: NO PATTERN



A4 - NORTWOOD FLUTED PANELS

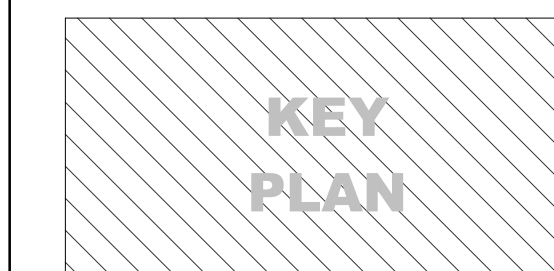
COLOUR: WALNUT
STYLE: TIMBER
PATTERN: VERTICAL LOUVERS



A5 - BRAMPTON BRICK - BRICK

COLOUR: POLAR WHITE
STYLE: CONTEMPORARY
PATTERN: HORIZONTAL BRICK

5 MATERIAL LEGEND
A202 1 : 50

[illegible]

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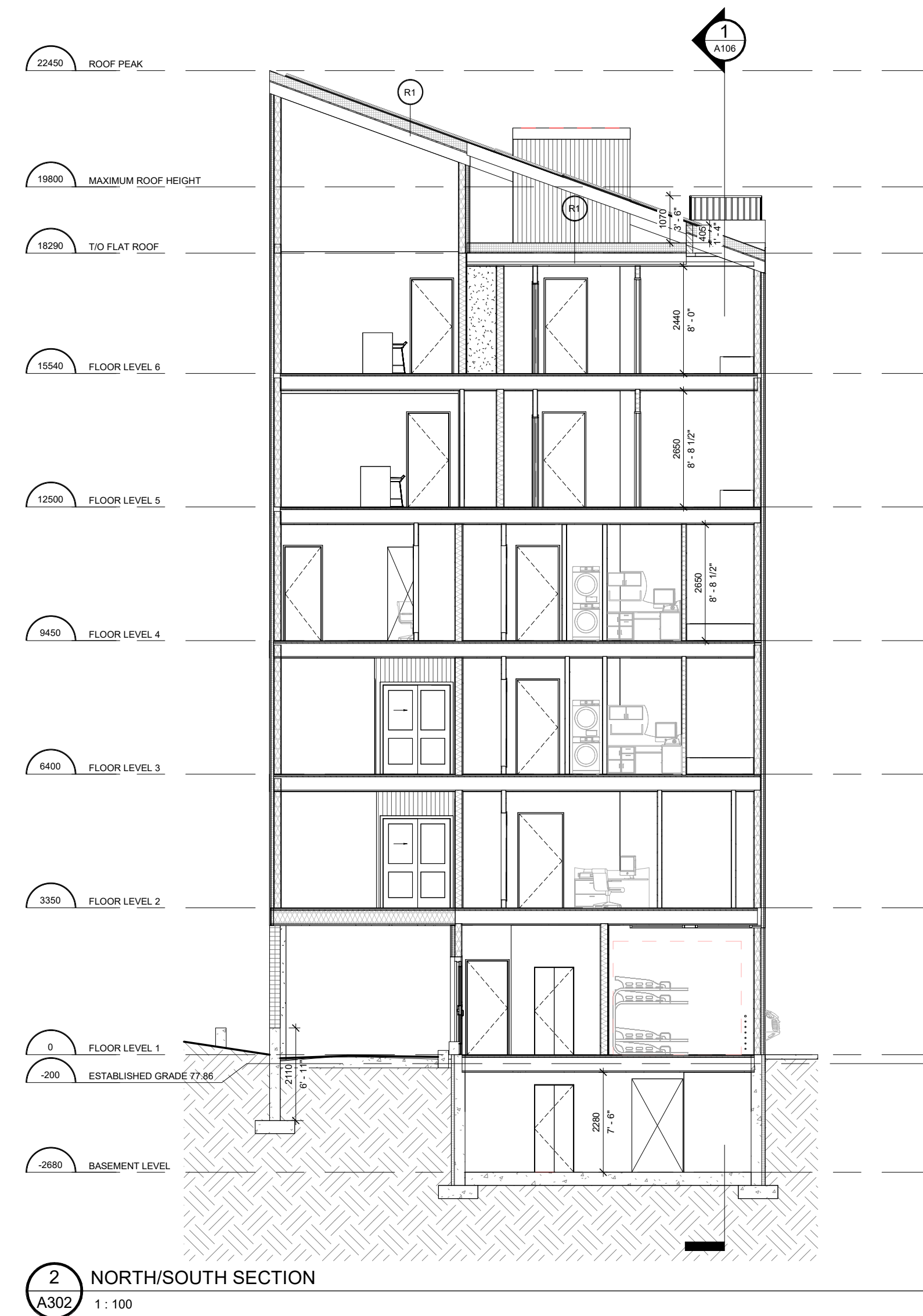
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BUILDING ELEVATIONS

A202

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**KEY
PLAN**

[illegible]

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REVISION RECORD

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2301 1 : 100
PROJECT SCALE

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BUILDING SECTIONS

A302

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2 3D VIEW - FRONT ENTRANCE
A501



3 3D VIEW - REAR BUILDING
A501



1 3D VIEW - CAR ENTRANCE
A501



4 SOLAR PANEL ROOF AXNOMETRIC
A501



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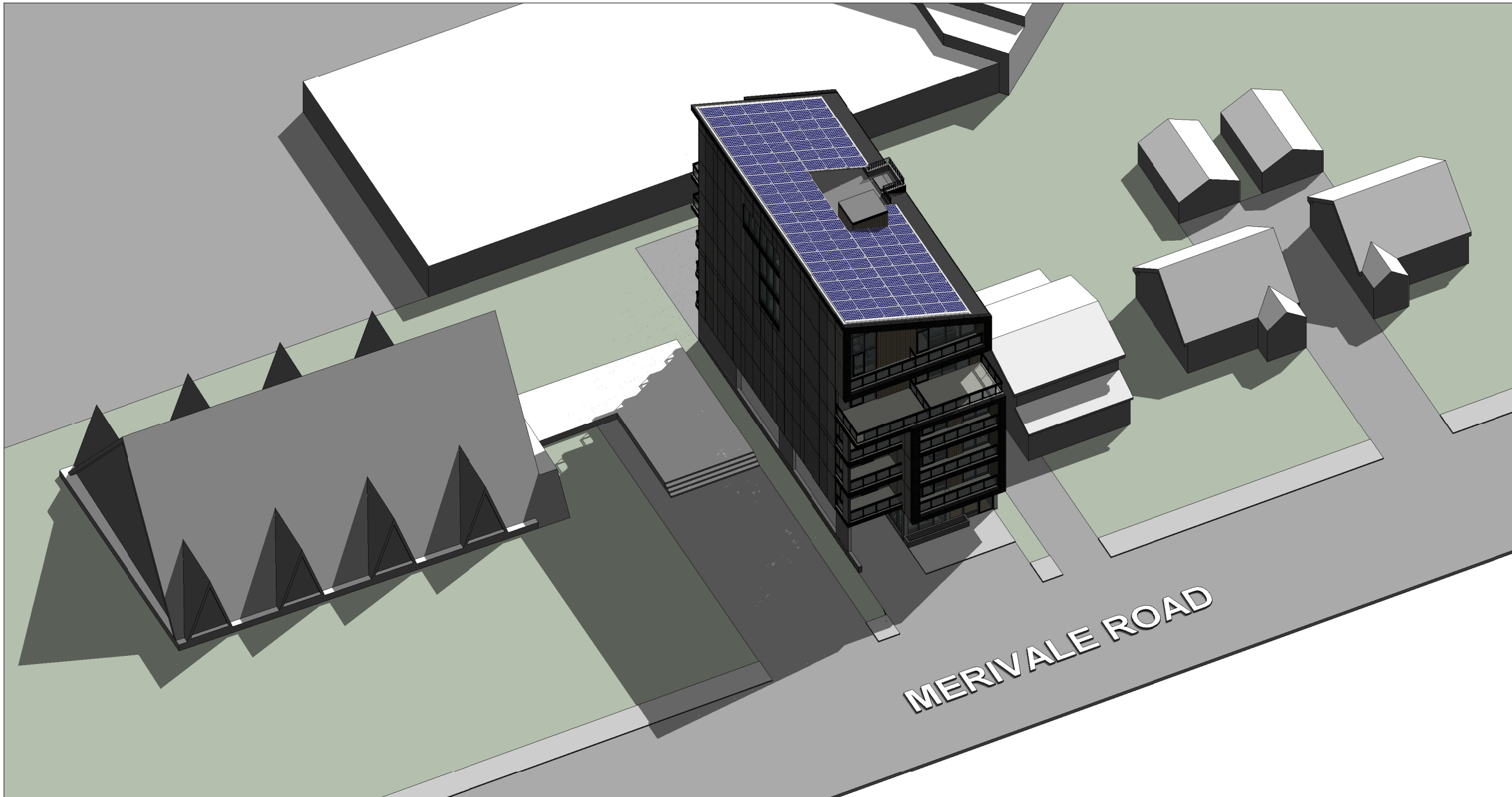
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PROJECT SCALE
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3D VIEWS

A501

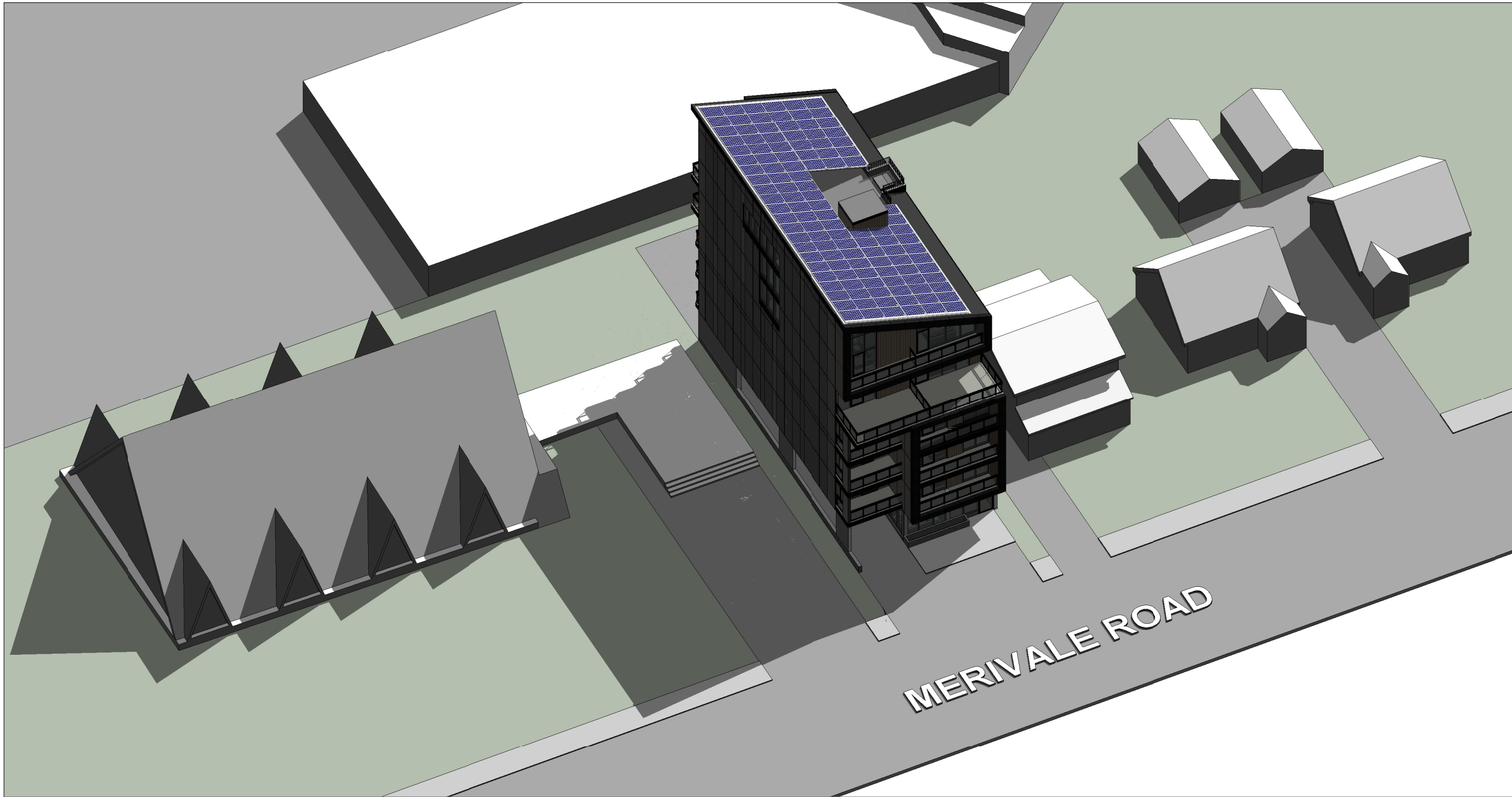
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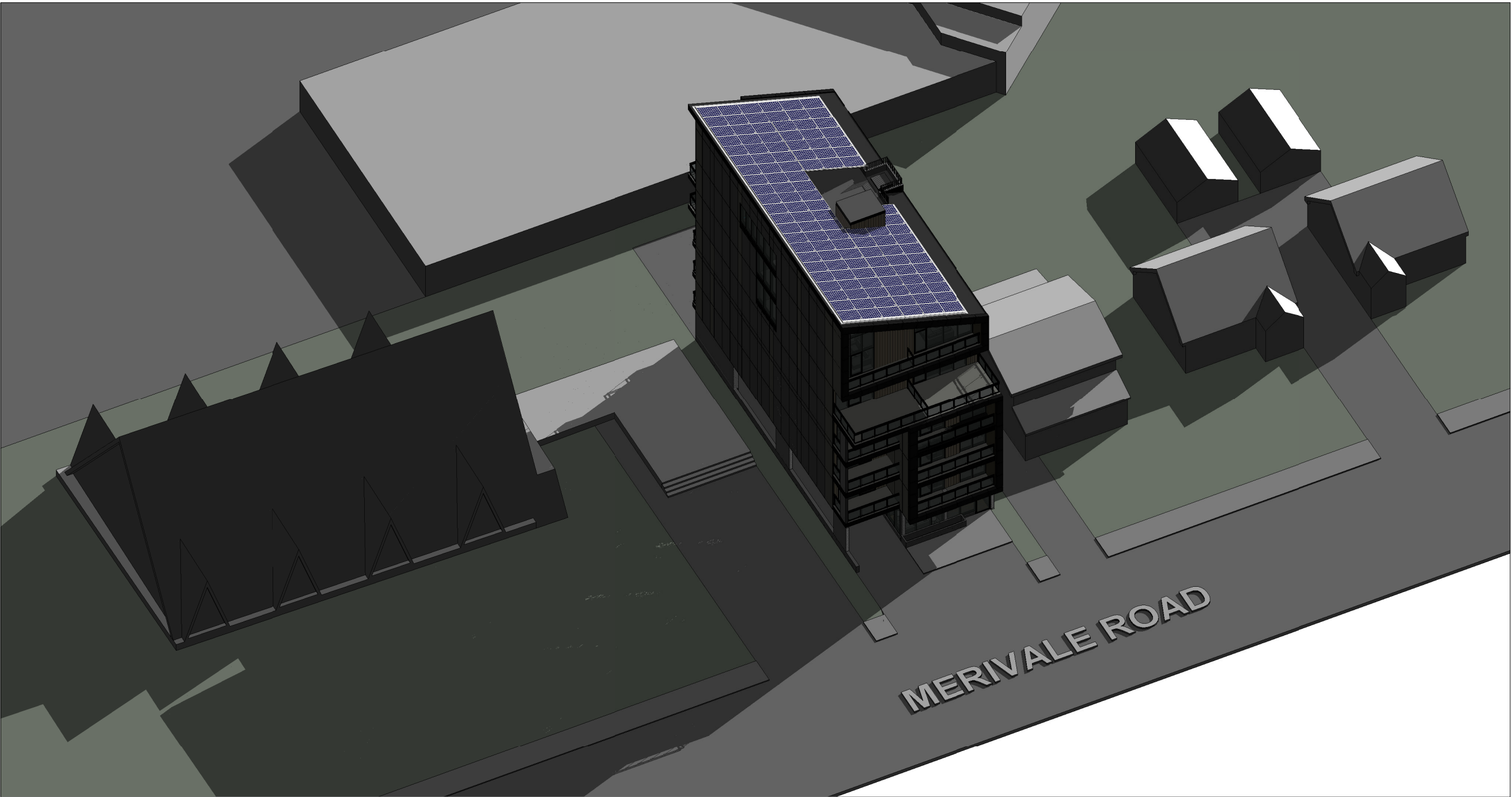
1 SHADE STUDY EXONOMETRIC - SPRING EQUINOX
A401



2 SHADE STUDY AXONOMETRIC - SUMMER SOLSTICE
A401



3 SHADE STUDY AXONOMETRIC - FALL EQUINOX
A401

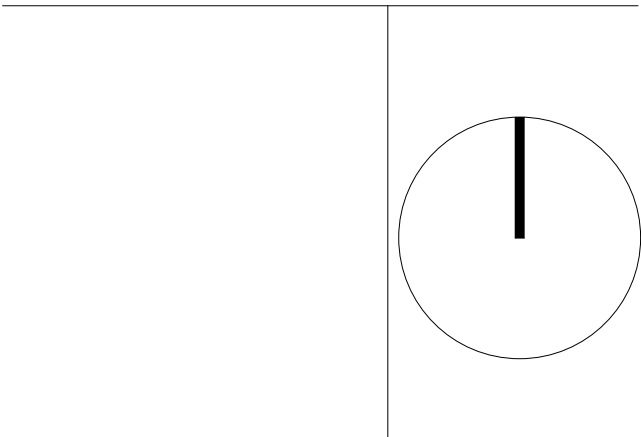


4 SHADE STUDY AXONOMETRIC - WINTER SOLSTICE
A401



NO.	DATE	BY	DESCRIPTION

1	01 JAN 2021	XX	XXX
NO.	DATE	BY	DESCRIPTION



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SHADE STUDY

A401

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