



**NOTES:**

**MANDATORY WINDOW WALL REQUIREMENTS**

1. THE WINDOW WALL SYSTEM MUST INCLUDE PRIMARY AND SECONDARY PLANES OF PROTECTION (WATER BARRIERS) AND VENTILATE AIR SPACES WITH PROVISION FOR POSITIVE DRAINAGE TO THE EXTERIOR IN A RAINSCREEN DESIGN.
2. THE DESIGN, TESTING AND INSTALLATION OF THE WINDOW WALL SYSTEM INCLUDING FRAMING MEMBERS, GLAZING UNITS, ANCHORAGE, SLAB EDGE COVERS, OPENING UNITS, DOORS AND THE TRANSITIONS TO THE ADJOINING ASSEMBLIES AND MATERIALS.
  1. INCORPORATE THE RECOMMENDATIONS OF AN INDEPENDENT CONSULTANT (ARCHITECT OR PROFESSIONAL ENGINEER), HAVING EXPERTISE WITH THE DESIGN AND INSTALLATION OF WINDOW WALL SYSTEMS WHO HAS SPECIFICALLY ENGAGED FOR THIS PURPOSE.
  2. THE INDEPENDENT CONSULTANT HAS APPROVED THE CONSULTANTS BUILDING DESIGN FOR THE WINDOW WALL SYSTEM FOR THE SPECIFIC PROJECT.
  3. THE WINDOW WALL SYSTEM AS INSTALLED ON THE PROJECT IS IN COMPLIANCE WITH THE ARCHITECTS BUILDING DESIGN.
3. THE MANUFACTURER OF THE WINDOW WALL SYSTEM PROVIDES SHOP DRAWINGS AND CALCULATIONS FOR THE WINDOW WALL SYSTEM TO BE USED ON THE SPECIFIC PROJECT FOR REVIEW BY THE CONSULTANT AND THE INDEPENDENT CONSULTANT, AND THE SHOP DRAWINGS AND CALCULATIONS HAVE BEEN SEALED BY A PROFESSIONAL ENGINEER RETAINED BY THE MANUFACTURER RESPECTING STRUCTURAL INTEGRITY, AIR BARRIER CONTINUITY AND WATER INGRESS MANAGEMENT.
4. THE MANUFACTURER OF THE WINDOW WALL SYSTEM PROVIDES THE CONSULTANTS AND THE INDEPENDENT CONSULTANT WITH TEST REPORTS FOR AIR LEAKAGE AND WATER PENETRATION IN COMPLIANCE WITH THE REQUIREMENTS OF THE APPLICABLE VERSION OF CSA A440, OR OTHER STANDARD APPLICABLE AT THE TIME AND PLACE OF CONSTRUCTION, AND THE CONSULTANTS AND THE INDEPENDENT CONSULTANT HAVE EACH REVIEWED AND ACCEPTED THESE REPORTS AS APPROPRIATE FRO THE SPECIFIC PROJECT.
5. A FULL SCALE MOCK-UP OF THE SPECIFIC WINDOW WALL SYSTEM FOR THE PROJECT, INCLUDING FRAMING MEMBERS, GLAZING UNITS, ANCHORAGE, SLAB EDGE COVERS, OPENING UNITS, DOORS AND TRANSITIONS TO ADJOINING ASSEMBLIES AND MATERIALS, HAS BEEN SUCCESSFULLY TESTED RESPECTING AIR AND WATER INFILTRATION AND ENVIRONMENTAL SEPARATION PERFORMANCE IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS AS DETERMINED, REVIEWED AND APPROVED BY THE INDEPENDENT CONSULTANT.
6. THE COMPLETED WINDOW WALL SYSTEM AS DESIGNED, CONSTRUCTED AND INSTALLED IS WARRANTED RESPECTING AIR AND WATER INFILTRATION TO THE SATISFACTION OF THE INDEPENDENT CONSULTANT.
7. THE ENTIRE WINDOW WALL SYSTEM AS DESIGNED, CONSTRUCTED AND INSTALLED IS WARRANTED RESPECTING AIR LEAKAGE AND WATER INGRESS BY THE WINDOW WALL MANUFACTURER FOR A PERIOD OF NOT LESS THAN 5 YEARS FOLLOWING SUBSTANTIAL PERFORMANCE OF THE PROJECT OR REGISTRATION IN THE CASE OF A CONDOMINIUM, WHICHEVER COMES LATER. THE WARRANTY PROVIDED IS TO COVER ALL OF THE LABOUR AND MATERIALS REQUIRED TO REPAIR OR REPLACE THE WINDOW WALL SYSTEM SHOULD AIR LEAKAGE OR WATER INGRESS OCCUR DURING THE WARRANTY PERIOD.
8. THE INDEPENDENT CONSULTANT SHALL PROVIDE A PROFESSIONAL'S SEALED LETTER CONFIRMING THAT THEY WILL COMPLY WITH THE MANDATORY WINDOW WALL REQUIREMENTS ABOVE. THIS LETTER SHALL BE SUBMITTED AT THE TIME OF SHOP DRAWING SUBMISSION.

**NOTES:**

ALL GUARDS TO MEET REQUIREMENTS OF THE O.B.C. 2012. MANUFACTURER/SUPPLIER TO PROVIDE ENGINEERED, STAMPED SHOP DRAWINGS COMPLETE WITH MOUNTING DETAILS.

GUARDS SHALL COMPLY WITH O.B.C. 3.3.1.17, 3.4.6.5 AND 4.1.10.

GUARDS SHALL COMPLY WITH O.B.C. 4.3.6.

ALL GLASS IN GUARDS TO COMPLY WITH O.B.C. SB-13.

GLAZING LOCATED 1070 OR LESS ABOVE FINISHED FLOOR AND MORE THAN 600mm ABOVE GRADE SHALL BE DESIGNED AS A GUARD AND SHALL COMPLY WITH ALL REQUIREMENTS OF THE O.B.C.

ALL WINDOWS TO MEET THE REQUIREMENTS OF THE O.B.C. 2012 ARTICLE 3.3.1.8 PROTECTION OF WINDOWS IN APARTMENT BUILDINGS. WINDOW SUPPLIER TO PROVIDE ENGINEERED STAMPED SHOP DRAWINGS FOR REVIEW.

REFER TO NOISE IMPACT STUDY FOR ADDITIONAL GLAZING REQUIREMENTS.

ENSURE CO-ORDINATION WITH MECHANICAL DRAWINGS FOR EXHAUST WALL BOX LOCATIONS WITHIN ALUMINUM SCREENS.

ALL SPANDREL GLASS PANELS ARE TO HAVE A MINIMUM R-VALUE OF R-10, CW METAL BACK PAN.

DOOR AND WINDOW LOCATIONS, DIMENSIONS, DETAILS AND BUILDING MATERIALS MAY VARY DEPENDING ON FINAL BUILDING LAYOUT, AND SHOWN FOR INFORMATION PURPOSES ONLY.

WINDOW SUPPLIER/INSTALLER IS TO PROVIDE DEFLECTION CONNECTION FOR ALL CURTAIN WALLS / WINDOW WALLS. (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED DEFLECTION).

ALL WINDOWS AND GLASS DOORS TO MEET MINIMUM ENERGY RATING FOR WINDOWS IN ZONE 5 OF THE O.B.C. SB-10.

NON-METAL FRAME WINDOWS/DOORS 0.25 MAX U VALUE  
0.35 SOLAR HEAT GAIN COEFFICIENT

METAL FRAME (ALUM.) WINDOWS  
0.25 MAX U VALUE  
0.35 SOLAR HEAT GAIN COEFFICIENT

METAL FRAME DOORS  
0.35 MAX U VALUE  
0.35 SOLAR HEAT GAIN COEFFICIENT

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB CONDITIONS BEFORE PROCEEDING WITH WORK

ALL DRAWINGS MAY BE TO BE SUBJECT TO CHANGE DUE TO COMMENTS FROM MUNICIPAL DEPARTMENTS AND OTHER AGENCIES WITH AUTHORITY. ARCHITECTS AND MUST BE RETURNED AT THE COMPLETION OF THE WORK.

THE CONTRACTOR WORKING FROM DRAWINGS NOT SPECIFICALLY MARKED FOR CONSTRUCTION MUST ASSUME FULL RESPONSIBILITY AND BEAR COSTS FOR ANY CORRECTIONS OR DAMAGES RESULTING FROM HIS OR HER WORK.

KEY TO DETAIL LOCATION

No. DETAIL NUMBER  
No. DRAWING SHEET NUMBER

DRAWING SETS ISSUED	No.	DATE (DD,MM,YY)	BY
FOR CLIENT REVIEW	1	23.05.22	KNYMH
ISSUED FOR SPA SUBMISSION 1	2	23.05.19	KNYMH

ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED

REVISIONS TO DRAWING

No.	DATE (DD,MM,YY)	RY

**NOT FOR CONSTRUCTION**

BUILDING PERMIT NUMBER:  
NOT FOR CONSTRUCTION WITHOUT PERMIT

**KNYMH**  
ARCHITECTURE • SOLUTIONS

KNYMH INC.  
1006 SKYVIEW DRIVE • SUITE 101  
BURLINGTON, ONTARIO • L7P 0V1  
T 905.639.6595  
F 905.639.0394  
www.knymh.com info@knymh.com

ONTARIO ASSOCIATION OF ARCHITECTS  
OF  
Przemysław Myszowski  
PRZEMYSŁAW MYSZOWSKI  
LICENCE 7984

**mattamyHOMES**

CLOCKWORK - Phase 2  
JOSHUA CREEK  
OAKVILLE, ONTARIO

DRAWING SHEET TITLE:  
**SOUTH ELEVATIONS**

DRAWING SCALE: As indicated  
PROJECT NUMBER: **22404**

DRAWN BY: Author  
CHECKED BY: Checker  
DRAWING VERSION: 000  
PLOT DATE: 2023-04-05  
DRAWING SHEET NUMBER: **A400**

**1 SOUTH ELEVATION**  
A400 1:125



**LEGEND**

GL	GLAZING PANEL
SP1	SPANDREL/METAL PANEL - LIGHT
SP2	SPANDREL/METAL PANEL - DARK
MP1	PREFIN METAL PANEL - WHITE
MP2	PREFIN METAL PANEL - DARK
MP3	PREFIN METAL PANEL - WOOD
LU	LUMON SYSTEM PANEL
AR	ALUMINUM RAILING W/ GLASS
BR	BRICK

**2 SOUTH EAST ELEVATION**  
A400 1:125



CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB CONDITIONS BEFORE PROCEEDING WITH WORK.  
 ALL DRAWINGS MAY BE TO BE SUBJECT TO CHANGE DUE TO COMMENTS FROM MUNICIPAL DEPARTMENTS AND OTHER AGENCIES WITH AUTHORITY. THE ARCHITECTS AND MUST BE RETURNED AT THE COMPLETION OF THE WORK.  
 THE CONTRACTOR WORKING FROM DRAWINGS NOT SPECIFICALLY MARKED FOR CONSTRUCTION MUST ASSUME FULL RESPONSIBILITY AND BEAR COSTS FOR ANY CORRECTIONS OR DAMAGES RESULTING FROM HIS OR HER WORK.

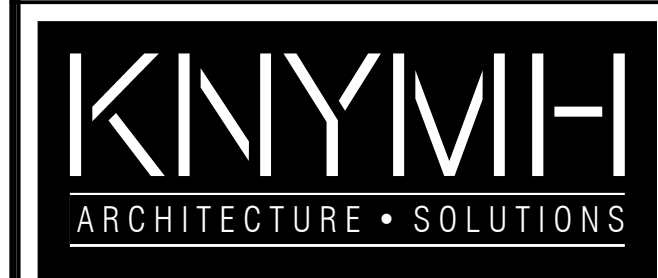
KEY TO DETAIL LOCATION  
 No. DETAIL NUMBER  
 No. DRAWING SHEET NUMBER

DRAWING SETS ISSUED FOR CLIENT REVIEW	No.	DATE (DD.MM.YY)	BY
ISSUED FOR SPA SUBMISSION 1	1	23.05.02	KNYMH
	2	23.05.19	KNYMH

ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED

REVISIONS TO DRAWING	No.	DATE (DD.MM.YY)	BY
NOT FOR CONSTRUCTION			

BUILDING PERMIT NUMBER:  
 NOT FOR CONSTRUCTION WITHOUT PERMIT



KNYMH INC.  
 1006 SKYVIEW DRIVE • SUITE 101  
 BURLINGTON, ONTARIO • L7P 0V1  
 T 905.639.6595  
 F 905.639.0394  
 www.knymh.com info@knymh.com



CLOCKWORK - Phase 2  
 JOSHUA CREEK  
 OAKVILLE, ONTARIO

DRAWING SHEET TITLE:  
**NORTH ELEVATIONS**

DRAWING SCALE: As indicated  
 PROJECT NUMBER: **22404**

DRAWN BY: Author  
 CHECKED BY: Checker  
 DRAWING VERSION:  
 PLOT DATE: 2023-04-05  
 DRAWING SHEET NUMBER: **A401**



**LEGEND**

GL	GLAZING PANEL
SP1	SPANDREL/METAL PANEL - LIGHT
SP2	SPANDREL/METAL PANEL - DARK
MP1	PREFIN METAL PANEL - WHITE
MP2	PREFIN METAL PANEL - DARK
MP3	PREFIN METAL PANEL - WOOD
LU	LUMON SYSTEM PANEL
AR	ALUMINUM RAILING W/ GLASS
BR	BRICK

TIMESHAPE\_2023-04-05\_17:38:02\_P11 - FILEPATH: C:\Real\_Loc\22404 - Clockwork - Phase 2\kny\PH\A401.rvt

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB CONDITIONS BEFORE PROCEEDING WITH WORK  
 ALL DRAWINGS MAY BE TO BE SUBJECT TO CHANGE DUE TO COMMENTS FROM MUNICIPAL DEPARTMENTS AND OTHER AGENCIES WITH AUTHORITY  
 ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECTS AND MUST BE RETURNED AT THE COMPLETION OF THE WORK  
 THE CONTRACTOR WORKING FROM DRAWINGS NOT SPECIFICALLY MARKED FOR CONSTRUCTION MUST ASSUME FULL RESPONSIBILITY AND BEAR COSTS FOR ANY CORRECTIONS OR DAMAGES RESULTING FROM HIS OR HER WORK

KEY TO DETAIL LOCATION

No.	DETAIL NUMBER
No.	DRAWING SHEET NUMBER

DRAWING SETS ISSUED	No.	DATE (DD.MM.YY)	BY
FOR CLIENT REVIEW	1	23.05.22	KNYMH
ISSUED FOR SPA SUBMISSION 1	2	23.05.19	KNYMH

REVISIONS TO DRAWING	No.	DATE (DD.MM.YY)	BY
NOT FOR CONSTRUCTION			

BUILDING PERMIT NUMBER:  
 NOT FOR CONSTRUCTION WITHOUT PERMIT

**KNYMH**  
 ARCHITECTURE • SOLUTIONS

KNYMH INC.  
 1006 SKYVIEW DRIVE • SUITE 101  
 BURLINGTON, ONTARIO • L7P 0V1  
 T 905.639.6595  
 F 905.639.0394  
 www.knymh.com info@knymh.com



CLOCKWORK - Phase 2  
 JOSHUA CREEK  
 OAKVILLE, ONTARIO

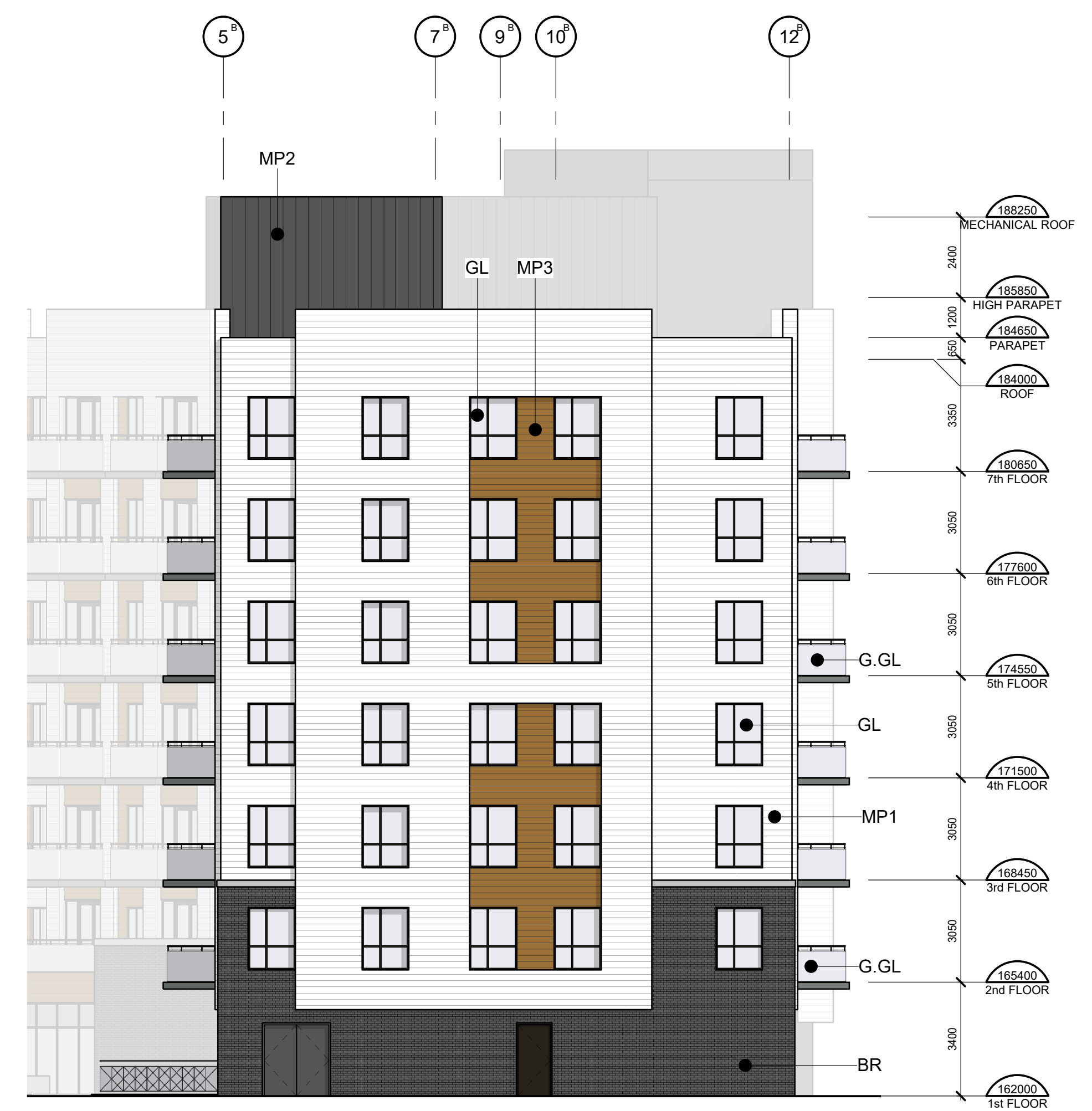
DRAWING SHEET TITLE:  
**EAST/WEST ELEVATIONS**

DRAWING SCALE: As indicated  
 PROJECT NUMBER: **22404**

DRAWN BY: Author  
 CHECKED BY: Checker  
 DRAWING SHEET NUMBER: **A402**  
 PLOT DATE: 2023-04-05



**1 EAST ELEVATION**  
 A402 1:125



**2 WEST ELEVATION**  
 A402 1:125

**LEGEND**

GL	GLAZING PANEL
SP1	SPANDREL/METAL PANEL - LIGHT
SP2	SPANDREL/METAL PANEL - DARK
MP1	PREFIN METAL PANEL - WHITE
MP2	PREFIN METAL PANEL - DARK
MP3	PREFIN METAL PANEL - WOOD
LU	LUMON SYSTEM PANEL
AR	ALUMINUM RAILING W/ GLASS
BR	BRICK

T:\EST\A402\_2023-04-05\_11:53:13.dwg FILEPATH: C:\Real\Loco\22404 - Clockwork\Phase 2\Revit\A402.rvt