

CENTERLINE

SECTION HEAD

LEVEL HEAD

GRAVEL/ENGINEERD FILL

CAST IN PLACE CONCRETE

PRE-CAST CONCRETE

SAND/PLASTER/CEMENT

RIGID INSULATION

SLOPED INSULATION

GYPSUM

HATCH LEGEND

GENERAL CONSTRUCTION NOTES

- 1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE OTHER CONSULTANT'S DRAWINGS AND SUPPLEMENTARY INFORMATION ISSUED SEPARATELY, ANY DOCUMENTS PREPARED BY THIRD PARTY CONSULTANTS ARE NOT PART OF THESE DOCUMENTS AND ARE CONSIDERED INDEPENDENT. HOWEVER, ALL COSTS ASSOCIATED WITH WORK REQUIRED AND
- COORDINATION OF WORK SHALL BE INCLUDED. EXAMPLE HAZARDOUS MATERIAL ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE ALL TRADES FULLY UNDERSTAND THEIR COMPLETE SCOPE OF WORK. PLEASE BE ADVISED THAT THERE MAY BE ADDITIONAL SCOPES OF WORK NOTED ON ASSOCIATED DOCUMENTATION AND SUCH SCOPE SHALL BE ACCOUNTED FOR IN THE COST OF THE WORK. NO CLAIMS OF EXTRAS SHALL BE CONSIDERED REGARDLESS OF WHERE THE SCOPE IS COVERED IN THE DOCUMENTS. IE: MISC. STEEL NOTED ON ARCHITECTURAL AND NOT ON THE STRUCTURAL DRAWINGS.
- 3. PLEASE BE ADVISED THAT THESE DRAWINGS BE REPRESENTATIVE OF THE WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS AND METHODS TO CONSTRUCT THE WORK REPRESENTED HEREIN. ALL DIMENSIONS AND/OR ELEVATIONS INDICATED ON THE DRAWINGS ARE SOLELY TO PROVIDE REFERENCE AND INTENT OF
- THE ASSEMBLY AND/OR BUILDING COMPONENT. THESE MAY VARY FROM THE ACTUAL ON-SITE CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING AND COLLATING ALL NECESSARY INFORMATION AS MAY BE APPLICABLE PRIOR TO INSTALLING OR FABRICATING WORK. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE CONSULTANT OF ANY ACTUAL VARIATIONS PRIOR TO INITIATING THE WORK. THE CONTRACTOR IS REQUIRED TO CONFIRM AND VERIFY ALL RELEVANT EXISTING CONDITIONS AND DETAILS IN THE FIELD
- NECESSARY FOR THE EXECUTION OF THE WORK, VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATING & DRILLING FOR FOUNDATIONS. 6. CONTRACTOR WILL BE RESPONSIBLE TO ENSURE ALL INSTALLATION OF MECHANICAL AND ELECTRICAL WORK IS
- COORDINATED RELATIVE TO CORRESPONDING ARCHITECTURAL DRAWINGS. ENSURE ALL NEW WORK INSTALLATIONS IS FULLY COORDINATED WITH OTHER BUILDING ELEMENTS INCLUDING BUT NOT LIMITED TO EXISTING MECHANICAL ELECTRICAL AND SPRINKLERS. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE ALL SUB CONTRACTORS COORDINATE ALL PRECEDING WORK. PROVIDE SHALL MEAN SUPPLY AND INSTALL.
- CONTRACTOR MUST EXECUTE ALL WORK IN ACCORDANCE WITH THE MOST CURRENT APPLICABLE PROVINCIAL. NATIONAL AND MUNICIPAL BUILDING CODES, SUPPLEMENTS AND STANDARDS SPECIFIED WITHIN THE DRAWINGS AND / OR
- WORKMANSHIP SHALL BE BEST QUALITY, EXECUTED BY WORKERS EXPERIENCED AND SKILLED IN THEIR RESPECTIVE DUTIES FOR WHICH THEY ARE EMPLOYED. CONSULTANT MUST BE NOTIFIED IMMEDIATELY IF REQUIRED WORK IS SUCH AS TO MAKE IT IMPRACTICAL TO PRODUCE REQUIRED RESULTS
- 10. ANY CONTRADICTORY INFORMATION AND SITUATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO PROCEEDING WITH A TASK. 11. IF APPLICABLE, PRIOR TO CUTTING OR CORING CONCRETE SLAB, CONTRACTOR MUST CHECK FLOOR (X-RAY AS REQUIRED) FOR ANY ELECTRICAL, MECHANICAL OR EQUIPMENT LOCATIONS. ANY PENETRATION THROUGH FLOOR MUST BE WATER
- 12. SUPPLY, INSTALL AND TAPE ALL GYPSUM BOARD IN ACCORDANCE WITH A.W.C.A. "SPECIFICATION STANDARDS MANUAL". TAPE, FILL, SAND, SMOOTH AND LEVEL ALL JOINTS, EDGES, CORNERS ETC. PROVIDE METAL CORNER BEADS AND 'J' MOLDS
- AT ALL CORNERS AND EDGES AND ENDS OF GYPSUM BOARD RESPECTIVELY. . CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR DESIGNERS REVIEW. 14. CONTRACTOR MUST CONFIRM ALL SITE DIMENSIONS PRIOR TO SUBMITTING SHOP DRAWINGS PRIOR TO FABRICATION OF
- SPECIALITY ITEMS 15. CONTRACTOR TO SUBMIT SAMPLES OF ALL NEW MATERIALS / FINISHES FOR DESIGNER TO APPROVE PRIOR TO ORDERING. GENERAL CONTRACTOR TO APPLY FOR ALL NECESSARY CONSTRUCTION PERMITS (MECHANICAL, ELECTRICAL, GAS ET.). FOR CONCRETE FLOORING, REMOVE ALL DEBRIS READY FOR NEW CONCRETE FINISH.
- THE CONSTRUCTION COMPLETION CERTIFICATE 19. ENSURE ALL MECHANICAL AND ELECTRICAL PENETRATIONS THROUGH FIRE SEPARATIONS ARE PROTECTED BY A TESTED FIRESTOP SYSTEM. ALL MECHANICAL DUCTS TO BE C/W FIRE DAMPERS.

18. ALL MATERIALS AND INSTALLATIONS SHALL BE GUARANTEED FOR A PERIOD OF AT LEAST ONE YEAR FROM THE DATE OF

- 20. ALL EXPOSED GYPSUM BOARD SURFACES TO BE TAPED AND SANDED, READY FOR PAINT CONTRACTOR TO PAINT TYP. THROUGHOUT 21. PROVIDE FIRE RATED ACCESS PANELS IN ALL FIRE RATED PARTITIONS AND CEILINGS REQUIRING ACCESS TO MECHANICAL
- AND ELECTRICAL EQUIPMENT. . REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL LOCATIONS OF PENETRATIONS
- 23. CONFIRM ROUGH OPENING SIZES WITH SUPPLIERS. PROVIDE FURRING AS REQUIRED TO ADJUST ROUGH OPENINGS. 24. FIRE RATED GYPSUM BOARD FOR ALL RATED ASSEMBLIES, REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR WALL THICKNESS AND ADDITIONAL ASSEMBLY NOTES.

GENERAL NOTES-EXTERIOR WALLS

- 1. SEE ELEVATIONS FOR EXTENT OF WALL FINISHES. SEE WALL SECTIONS AND PLAN DETAILS FOR TRANSITIONS BETWEEN WALL TYPES AND ADJACENT ASSEMBLIES
- THE CONTINUITY OF THE AIR/ VAPOUR BARRIER IS CRUCIAL. ENSURE THAT PUNCTURES ARE SEALED, THAT THE AIR/ VAPOUR BARRIER IS SEALED TO ITEMS THAT PENETRATE IT OR CAUSE DISCONTINUITIES. WHEN IN DOUBT OF THE EXACT LOCATION OF THE AIR/ VAPOUR BARRIER IN RELATION TO OTHER MATERIALS, SEEK THE ADVICE OF THE
- 3. PROVIDE MIN. 18GA. FORMED CHANNEL CLOSURES AT TOP AND BOTTOM OF ALL Z-GIRTS ASSEMBLIES AND AT TRANSITIONS BETWEEN ASSEMBLIES IN PLAN. (TYPICAL)
- 4. ALL STRUCTURAL STUDS, SUBSTRATE AND MEMBRANE TO U/S STRUCTURE UNLESS NOTED OTHERWISE. PROVIDE
- SPRAY FOAM INSULATION AND THERMAL BARRIER WHERE SHOWN PROVIDE TRANSITION MEMBRANE FROM WALL TO ROOF AT ROOF SUBSTRATE LEVEL UNDER PARAPET FRAMING AND LAP UNDER ROOF AIR/ VAPOUR BARRIER MEMBRANE. REFER TO SPECIFICATIONS AND DETAILS.
- PROVIDE SPRAY APPLIED FOAM INSULATION TO ALL STEEL PENETRATIONS THROUGH THE ENVELOPE TO MIN. 600MM BEYOND ENVELOPE OR AS INDICATED ON DRAWINGS. PROVIDE CUSTOM SPLIT FLASHING AS INDICATED ON DRAWINGS FOR ALL STRUCTURAL STEEL ROOF PENETRATIONS AT
- PERFORATED MECHANICAL ENCLOSURE. SEE SPECIFICATIONS. 8. WRAP AIR/ VAPOUR BARRIER TRANSITION MEMBRANE AROUND ALL STEEL PENETRATIONS AND ENSURE ENVELOPE IS
- 9. COORDINATE THROUGH WALL SCUPPERS WITH WALL AND ROOF TRANSITION MEMBRANES TO MAINTAIN WATER
- 10. ENSURE ALL GIRTS AT CORNERS ARE PROVIDED WITH CHANNEL CLOSURES TO COMPARTMENTALIZE CLADDING CAVITY. 11. ALLOW FOR DEFLECTION IN STUD TRACKS AT U/S DECK WHERE REQUIRED. REFER TO STRUCTURAL
- PROVIDE CONTINUOUS ROD AND SEALANT JOINT AT ALL EXTERIOR DOOR, WINDOWS, CONTROL JOINTS, AND OTHER LOCATIONS PER STANDARD CONSTRUCTION PRACTICES 13. SEAL AIR BARRIER & VAPOUR RETARDER MEMBRANE TO PERIMETER OF ALL DOOR FRAMES AND WINDOWS
- 14. PROVIDE COLOUR COORDINATED SEALANTS BETWEEN DISSIMILAR MATERIAL 15. ALL MEMBRANES TO BE CONTINUOUS AND HAVE A MIN OVERLAP OF 200MM AT ALL PARAPETS, FLASHING, JOINTS,
- CHANGES IN DIRECTION, WINDOWS, DOORS, CHANGES IN MATERIALS, ETC. PROVIDE COLOUR MATCHED FLASHING BETWEEN ALL MATERIAL TRANSITIONS 17. EXTERIOR WALL DIMENSIONS ARE TO FACE OF SHEATHING, FACE OF CONCRETE OR FACE OF CMU UNLESS NOTED
- OTHERWISE.

INTERIOR PARTITION NOTES

- 1. ALL INTERIOR WALLS AND PARTITIONS TO BE ERECTED TO UNDERSIDE OF ROOF DECK OR FLOOR SLAB UNLESS OTHERWISE ALL MASONRY WALLS TO BE LATERALLY SUPPORTED AT TOP. REFER TO STRUCTURAL DRAWINGS AND SPECIFIC DETAILS. UNLESS NOTED OTHERWISE ALL SLEEVES FOR PENETRATIONS ARE AS PER MECHANICAL SPECIFICATIONS. SEE
- MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION SEE FIRE RATING DRAWING FOR PARTITIONS, DOORS, SCREENS, STRUCTURE, ETC. WHICH REQUIRE RATINGS AND LABELS. (TYPICAL) 4. WHERE FIRE SEPARATIONS EXTEND TO THE UNDERSIDE OF THE STRUCTURE OR ROOF ABOVE, PACK ALL OPENINGS BETWEEN THE STRUCTURE OR ROOF AND PARTITIONS WITH FIRE STOPPING MATERIAL. PACK AROUND ALL PENETRATIONS
- THROUGH FIRE SEPARATIONS WITH FIRE STOPPING MATERIAL, ALL MECHANICAL DUCTS TO BE C/W FIRE DAMPERS. PROVIDE FIRE RATED ACCESS PANELS IN ALL FIRE RATED PARTITIONS REQUIRING ACCESS TO MECHANICAL AND FLECTRICAL FOUIPMENT WHERE PARTITIONS EXTEND TO THE UNDERSIDE OF METAL DECK ABOVE, ALL STRUCTURAL ELEMENTS (JOISTS, BEAMS
- ETC.) ARE TO BE FRAMED AROUND WITH CONSTRUCTION TO MATCH THE ORIGINAL PARTITION (INCLUDING FIRE RATING AND/OR ACOUSTIC RATING). THIS IS TO MAINTAIN THE INTEGRITY OF THE PARTITION'S RATING. PROVIDE FOR DEFLECTION AT THE UNDERSIDE OF THE STRUCTURAL FLEMENT. SECURE THE FRAMING TO THE STRUCTURAL FLEMENTS. WHERE THE NON-FIRE RATED PARTITIONS EXTEND ABOVE TO THE UNDERSIDE OF THE STRUCTURE OR ROOF ABOVE AND ARE PENETRATED BY MECHANICAL DUCT WORK, LEAVE 12MM GAP ALL AROUND BETWEEN THE DUCT AND THE GYPSUM
- BOARD. DO NOT INSTALL CASING BEAD OR TAPE AND SAND THE GYPSUM BOARD EDGE. DO NOT PLASTER THE GAP. PACK ALL OPENINGS BETWEEN THE PARTITION AND THE DUCT WITH ACQUISTIC INSULATION MATERIAL PATCH AND REPAIR ALL INTERIOR GYPSUM AND EXTERIOR FINISHES AS REQUIRED WHEN OVERLAPPING NEW MEMBRANES.
- PROVIDE ALL FRAMING & BLOCKING AS REQUIRED TO PROPERLY SECURE ALL MATERIALS & ACCESSORIES 10. ALLOW FOR DEFLECTION AT ALL STRUCTURAL LOCATIONS 11. ENSURE ALL ADJACENT GYPSUM BOARD SURFACES ARE FLUSH
- 12. ALL EXPOSED GYPSUM BOARD SURFACES TO BE TAPED AND SANDED, READY FOR PAINT. FINAL PAINT FINISHES TO BE AS PER FINISHES PLANS AND ROOM FINISH SCHEDULE. 13. CONFIRM ROUGH OPENINGS FOR FIXTURES WITH SUPPLIERS. PROVIDE FURRING AS REQUIRED TO ADJUST ROUGH
- 14. ENSURE MINIMUM (1) LAYER FIRE RATED GYPSUM BOARD TERMINATING INSIDE HOLLOW METAL DOOR FRAME @ RATED
- 15. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AROUND ALL BATHTUBS, SHOWERS AND ANY OTHER WET ROOMS 16. ANY FIRE EXTINGUISHER CABINET RECESSED INTO A RATED WALL ASSEMBLY SHALL HAVE A MATCHING NUMBER OF LAYERS OF FIRE RATED GYPSUM WALL BOARD, PER THE ASSEMBLY TYPE, RETURN INTO RECESS AND FULL ENCLOSE THE
- BACK OF THE RECESS. UNLESS OTHER WISE NOTED PAINT CABINETS TO MATCH ADJACENT WALL 17. ALL STC RATED WALL ASSEMBLIES REQUIRE ACOUSTICAL SEALANT APPLIED AROUND ALL ELECTRICAL BOXES AND OTHER OPENINGS AND AT THE JUNCTION OF INTERSECTING WALLS TO STC RATED FLOORS AND STC RATED CEILINGS.

PROVIDE FIRE STOPPING AND SMOKE SEALS SYSTEMS THAT ARE COMPATIBLE WITH ONE ANOTHER. ENSURE FIRESTOPPING

- 18. PROVIDE BLOCKING WHERE REQUIRED FOR WALL-MOUNTED ACCESSORIES. CO-ORDINATE BLOCKING LOCATIONS WITH FLOOR PLANS AND ELEVATION DRAWINGS 19. WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED OR SILL GASKET TO BE PROVIDED 20. INSTALL CONTINUOUS FIRESTOPPING AND SMOKE SEALANT MATERIAL TO ALL FIRE RATED ASSEMBLIES PENETRATIONS.
- AND SMOKE SEALANTS MATERIAL AND SYSTEMS TO MAINTAIN FIRE SEPARATION CONTINUITY AS INDICATED ON THE 21. OFFSET ELECTRICAL BOXES BY MIN 400MM WERE BACK TO BACK IN STC AND/OR FIRE RATED PARTITIONS
- 22. PIPES WITH STC RATED PARTITIONS TO BE WRAPPED IN ACOUSTIC INSULATION ENSURE PIPES ARE NOT IN DIRECT CONTACT WITH METAL STUD FRAMING 23. ALL CMU PARTITIONS TO EXTEND TO U/S STRUCTURAL SLAB OR BEAM IMMEDIATE ABOVE UNLESS NOTED OTHERWISE.
- REFER TO STRUCTURAL DRAWINGS FOR LATERAL RESTRAINTS DETAILS. 24. INTERIOR PARTITION DIMENSIONS ARE TO FACE OF STUD OR CENTRE LINE OF DOUBLE STUD WALL

GENERAL NOTES- FLOORS

- REFER TO STRUCTURAL FOR THICKNESS AND REINFORCEMENT OF CONCRETE SLABS.
- UNLESS NOTED OTHERWISE ALL SLEEVES FOR FLOOR PENETRATIONS ARE AS PER MECHANICAL AND ELECTRICAL SPECIFICATIONS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. MAINTAIN FLOOR TO FLOOR FIRE SEPARATION AT ALL FLOOR PENETRATIONS AS REQUIRED. SEE MECHANICAL
- DRAWINGS FOR ADDITIONAL INFORMATION. 4. FLOORS WITH DEPRESSION FOR TILE FINISH ARE TO SLOPE TO DRAIN WITH A MINIMUM 1% SLOPE. PONDING OF WATER IS UNACCEPTABLE. TILED FLOOR AREAS WILL BE FLOOD TESTED AND ANY AREAS OF PONDING WILL BE REJECTED. 5. COORDINATE WITH ARCHITECT FINAL LOCATION FOR ALL DRAINS AND MECHANICAL ACCESS PANELS

INTERIOR WALL ASSEMBLIES

- (P1) 92mm METAL STUD PARTITION 16mm Gypsum Wallboard 92mm Steel Studs @ 600mm O.C.
- 16mm Gypsum Wallboard (P2) 92mm METAL STUD PARTITION - 1hr FRR 16mm Type X Gypsum Wallboard 92mm Steel Studs @ 600mm O.C 16mm Type X Gypsum Wallboard
- Fire Rating Note: Similar to ULC W407
- (P3) 92mm METAL STUD PARTITION 2hr FRR 2 layers 16mm Type X Gypsum Wallboard 92mm Steel Studs @ 600mm O.C. c/w Acoustic Batt Insulation 2 layers 16mm Type X Gypsum Wallboard

PROVIDED STC: 56

Fire Rating Note: per ULC W414 152mm METAL STUD PARTITION 16mm Gypsum Wallboard 152mm Steel Studs @ 600mm O.C

REQUIRED STC: N/A

- 16mm Gypsum Wallboard (P5) 152mm METAL STUD PARTITION - 1hr FRR 16mm Type X Gypsum Wallboard 152mm Steel Studs @ 600mm O. 16mm Type X Gypsum Wallboard
 - Fire Rating Note: Similar to ULC W407
- (P6) 152mm METAL STUD PARTITION 2hr FRR 2 Layers 16mm Type X Gypsum Wallboard 152mm Steel Studs @ 600mm O.C. Fill Cavity With SAFB 2 Layers 16mm Type X Gypsum Wallboard REQUIRED STC: N/A PROVIDED STC: 59
- Fire Rating Note: Similar to ULC W453 CONCRETE PARTITION - 2hr FRR 200mm Cast-in-Place Concrete (Refer to Structural Drawings)
- (P8) TYPICAL PARKADE CONCRETE BLOCK WALL 2hr FRR 190mm Concrete Block Wall
- (P9) VERTICAL SHAFT WALL 2hr FRR 2 lavers 16mm Type X Gypsum Wallboard 102mm C-H Steel Studs @ 610mm O.C. Fill Cavity With SAFB 25mm Gypsum Shaft Liner Panel to Shaft Side
- REQUIRED STC: N/A PROVIDED STC: 54 Fire Rating Note: per ULC W446 Sound Transmission Class Note: per NRC TL-94-037
- (P10) 22mm METAL STUD FURRING 16mm Gypsum Wallboard 22mm Steel Hat Track @ 600mm O.C.
- 42mm METAL STUD FURRING 16mm Gypsum Wallboard 42mm Steel Studs @ 600mm O.C.
- 92mm METAL STUD FURRING 16mm Gypsum Wallboard 92mm Steel Studs @ 600mm O.C
- 152mm METAL STUD FURRING 16mm Gypsum Wallboard • 152mm Steel Studs @ 600mm O.C.

Adjacent Partitions

- (P14) CORRIDOR TO SUITE PARTITION 1hr FRR 2 layers 16mm Type X Gypsum Wallboard to Corridor side 92mm Metal Studs @ 600mm O.C. fill cavity with SAFB 16mm Type X Gypsum Wallboard
- REQUIRED STC: 52 PROVIDED STC: 53 Fire Rating Note: similar to ULC W407 Sound Transmission Class Note: per ABC Table A-9.10.3.1.A. Wall S5a

Acoustic and Smoke Sealant Around Perimeter and All Intersections With

- (P15) SUITE TO SUITE DEMISING PARTITION -2hr FRR 2 Layers 16mm Type X Gypsum Wallboard 64mm Steel Studs @ 400mm O.C. Fill Cavity With SAFB 64mm Steel Studs @ 400mm O.C. Fill Cavity With SAFB 2 Layers 16mm Type X Gypsum Wallboard
 - REQUIRED STC: 60 PROVIDED STC: 61 Fire Rating Note: Similar to UL - U493 Sound Transmission Class Note: per NRC Report IRC-IR-761, reference assembly TL-93-301
- (P16) EXIT STAIR/ELEVATOR SHAFFT TO SUITE -2hr FRR 16mm Type Gynsum Wallhoard 42mm Steel Studs @ 600mm O.C. Fill Cavity With SAFB Cast-in-place Concrete (Refer to Structural Drawings) STC 57

Sound Transmission Class Note:

- Acoustic and Smoke Sealant around perimeter and all intersections with adjacent partitions REQUIRED STC: 54 PROVIDED STC: 57 Fire Rating Note: similar to ULC 414
- (DP) DEMOUNTABLE GLASS PARTITION All Demountable Glass Partitions Extend from floor to 2400 AFF Unless noted other wise Bulkhead Matching Adjacent Partition to Extend from U/S Slab to Top of Demountable Wall See ID Drawings and Specifications
- REQUIRED STC: PROVIDED STC:
- ALL FIRE RATED PARTIONS TO HAVE ACOUSTIC AND SMOKE SEALANT AROUND PERIMETER AND ALL INTERSECTIONS WITH ADJACENT PARTITIONS
- SUBSTITUTE MOLD RESISTANT GYPSUM WALL BOARD ON OUTER MOST LAYER OF EXPOSE SIDE WHERE PARTITION ABUTS SHOWERS

FLOOR ASSEMBLIES

- SLAB ON GRADE
- 100mm minimum Concrete slab, slope to drains. As per Structural drawings Compacted Granular base. As per Structural drawings.
- SUSPENDED SLAB TYPICAL CONCRETE SLAB ABOVE GRADE Suspended Cast-in-place concrete slab. Refer to Structural Drawings REQUIRED FRR: 2.0hr PROVIDED FRR: 2.0hr REQUIRED STC: 55 PROVIDED STC: 58+ REQUIRED IIC: 50+

PROVIDED IIC: 50+ Sound Transmission Class Note: per Portland Cement Association test 76-77 Impact Insulation Class Note: IIC includes Carpet finish c/w underlay or acoustic ceiling where indicated.

EXTERIOR WALL ASSEMBLIES

(E1) PRECAST CONCRETE WALL - TAN COLOUR 100mm Pre Cast Concrete Panel c/w Tan Colour, Formliner Surface or Light Sandblast c/w Purpose Made Clip Anchors as per Manufacturers Specifications 25mm Void Space

Self Adhered Air/Vapour Barrier Membrane 16mm Exterior Grade Gypsumboard Sheathing 152mm Steel Studs @ 400mm o.c. (refer to structural) 16mm Gypsum Board Sheathing F2 COMPOSITE METAL PANEL \

125mm Rigid Insulation

- BASED ON ALUCOBOND CLADDING SYSTEM METAL CLADDING CLIP SYSTEM Prefinished Composite Metal Wall Cladding Panel Pans c/w 25mm returns 125mm Semi-Rigid Mineral Wool Insulation • 125mm Thermal Clips (Delegated Design for Spacing; 85% performance ~R14.5) Self Adhered Air/Vapour Barrier Membrane 16mm Exterior Grade Gypsumboard Sheathing 152mm Steel Studs @ 400mm o.c. (refer to structural)
- 16mm Gypsum Board Sheathing (E2b) COMPOSITE METAL PANEL @ CORE BASED ON ALUCOBOND CLADDING SYSTEM METAL CLADDING CLIP SYSTEM Prefinished Composite Metal Wall Cladding Panel Pans c/w 25mm returns 125mm Semi-Rigid Mineral Wool Insulation • 125mm Thermal Clips (Delegated Design for Spacing; 85% performance ~R14.5) Self Adhered Air/Vapour Barrier Membrane 16mm Exterior Grade Gypsumboard Sheathing 284mm Steel Girts @ 400mm o.c
- 200mm Cast-in-Place Concrete (Refer to Structural Drawings) (E2P) COMPOSITE METAL PANEL PARAPET BASED ON ALUCOBOND CLADDING SYSTEM METAL CLADDING CLIP SYSTEM Prefinished Composite Metal Wall Cladding Panel Pans c/w 25mm returns 125mm Semi-Rigid Mineral Wool Insulation • 125mm Thermal Clips (Delegated Design for Spacing; 85% performance ~R14.5) Self Adhered Air/Vapour Barrier Membrane 150mm Cast-in-Place Concrete (Refer to Slab Edge Drawings) 2-Ply SBS Roofing System – As Per Specifications 40mm Semi-Rigid Mineral Wool Insulation Prefinished Metal liner panel
- VERTICALLY APPLIED PREFINISHED WOOD GRAIN ALUMINUM SIDING BASED ON LONGBOARD TOUNGE AND GROVE SIDING SYSTEM Extruded Aluminum Wall Cladding 125mm Semi-Rigid Mineral Wool Insulation • 125mm Thermal Clips (Delegated Design for Spacing; 85% performance ~R14.5) Self Adhered Air/Vapour Barrier Membrane 16mm Exterior Grade Gypsumboard Sheathing 152mm Steel Studs @ 400mm o.c. (refer to structural) 16mm Gypsum Board Sheathing
- VERTICALLY APPLIED PREFINISHED WOOD GRAIN ALUMINUM SIDING @ CORE BASED ON LONGBOARD TOUNGE AND GROVE SIDING SYSTEM Extruded Aluminum Wall Cladding 100mm Semi-Rigid Mineral Wool Insulation • 125mm Thermal Clips (Delegated Design for Spacing; 85% performance ~R14.5) Self Adhered Air/Vapour Barrier Membrane 16mm Exterior Grade Gypsumboard Sheathing 284mm Steel Girts @ 400mm o.c. 200mm Cast-in-Place Concrete (Refer to Structural Drawings)
- (E4) VERTICALLY APPLIED PREFINISHED METAL PANEL BASED ON VICWEST CL622 Metal Panel – See Elevations for Finishes and Pattern Layout 125mm Semi-Rigid Mineral Wool Insulation • 125mm Thermal Clips (Delegated Design for Spacing; 85% performance ~R14.5) Self Adhered Air/Vapour Barrier Membrane 16mm Exterior Grade Gypsumboard Sheathing 152mm Steel Studs @ 400mm o.c. (refer to structural) 16mm Gypsum Board Sheathing
- VERTICALLY APPLIED PREFINISHED METAL PANEL @ CORE (E4b) BASED ON VICWEST CL622 Metal Panel – See Elevations for Finishes and Pattern Lavout 125mm Semi-Rigid Mineral Wool Insulation • 125mm Thermal Clips (Delegated Design for Spacing; 85% performance ~R14.5) Self Adhered Air/Vapour Barrier Membrane 16mm Exterior Grade Gypsumboard Sheathing 284mm Steel Girts @ 400mm o.c.
- 200mm Cast-in-Place Concrete (Refer to Structural Drawings) (E5) CONCRETE FOUNDATION WALL Concrete Faced 50mm Extruded Polystyrene Insulation (Above Grade to 300 Below 50mm Extruded Polystyrene Insulation (From 300 Below Grade) Air Vapour Barrier/Water Proof Membrane as per specifications and details

Concrete Foundation Wall (Refer to Structural)

ROOF ASSEMBLIES

- (R1) ROOF ASSEMBLY 2-Ply SBS Roofing System – As Per Specifications 25mm Fiberboard Roofing Underlayment 100mm Semi-Rigid Mineral Wool Insulation Four Laminations of 25mm Staggered Insulation 4 x R4.2 = R16.8 100mm Polyisocyanurate Rigid Insulation Four laminations of 25 mm Staggered Insulation 4 x R5.6 = R20 Self Adhered Air/Vapour Barrier Membrane Concrete Topping Slopped to Drain (Refer to Slab Plans) Cast-in-Place Concrete Slab. Refer to Structural Drawings
- (R2) ROOF TERRACE LEVEL 3 AND 4 40mm Pavers Shims or Pedestals Permeable Filter Fabric 200mm Polyisocyanurate Rigid Insulation Four Laminations of 50 mm Staggered Insulation 4 x R10.0 = R40 Drainage Mat Protection Sheet Hot Fluid-applied Rubberized Asphalt Waterproofing Concrete Topping Slopped to Drain (Refer to Slab Plans)
- Cast-in-Place Concrete Slab. Refer to Structural Drawings (R3) CONCRETE PEDESTRIAN SURFACE OVER PARKADE 100mm Cast-in-Place Concrete Hiload Insulation as Required to Meet Grading Plan Permeable Filter Fabric 150mm Hiload XPS Type IV Rigid Insulation R30 Drainage Mat Hot Fluid-applied Rubberized Asphalt Waterproofing Concrete Topping Slopped to Drain (Refer to Slab Plans)
- (R4) LANDSCAPING OVER PARKADE Vegetation and Growing Media as per Landscape Drawings Permeable Filter Fabric 150mm Hiload XPS Type IV Rigid Insulation R30 Drainage Mat Hot Fluid-applied Rubberized Asphalt Waterproofing Concrete Topping Slopped to Drain (Refer to Slab Plans) Cast-in-Place Concrete Slab. Refer to Structural Drawings

Cast-in-Place Concrete Slab. Refer to Structural Drawings

PREFINISHED WOOD GRAIN ALUMINUM SIDING BASED ON LONGBOARD TOUNGE AND GROVE SIDING SYSTEM 100mm Semi-rigid mineral wool insulation 4 x R4.2 = R16.8 125mm Thermal Clips w/ Delegated Design for Spacing; 85% Performance ~R14.5 Self Adhered Air/Vapour Barrier Membrane Cast in Place Concrete Refer to Structural

ARCHITECTURAL

A0.01

A0.02

A0.04

A0.05

A1.01

A1.02

A2.02a

A2.04

A2.05

A2.05a

A2.08a

A2 21

A2.22

A2.24

A2.25

A3.02

A3.04

A5.01

A5.03

A6.01

A6.05

A7.01

A8.01

DETAILS

A7.02 DETAILS

A7.03 DETAILS

A7.04 DETAILS

A7.05 DETAILS

A2.04a

| COVER | S0.0 | COVER |
|-------------------------------------|-------|---|
| GENERAL NOTES AND ASSEMBLIES | S1.0 | GENERAL NOTES |
| LIFE SAFTEY PLANS AND CODE ANALYSIS | S1.1 | GENERAL NOTES |
| DOOR SCHEDULE | S1.2 | GENERAL NOTES |
| WINDOW SCHEDULE | S1.3 | TYPICAL DETAILS |
| WINDOW SCHEDULE | S1.4 | TYPICAL DETAILS |
| SITE PLAN | S1.5 | TYPICAL DETAILS |
| SITE DETAILS | S2.0 | PARKADE FOUNDATION PLAN |
| PARKADE PLAN | S2.1A | MAIN FLOOR SLAB & TOP ADD. REINF. PLAN |
| MAIN FLOOR PLAN | S2.1B | MAIN FLOOR SLAB & BOT. ADD. REINF. PLAN |
| MAIN FLOOR SLAB PLAN | S2.2A | LEVEL 2 SLAB & TOP ADD REINF. PLAN |
| LEVEL 2 FLOOR PLAN | S2.2B | LEVEL 2 SLAB & BOT. ADD. REINF. PLAN |
| LEVEL 2 SLAB PLAN | S2.3A | LEVEL 3 SLAB & TOP ADD. REINF. PLAN |
| LEVEL 3 FLOOR PLAN | S2.3B | LEVEL 3 SLAB & BOT. ADD. REINF. PLAN |
| LEVEL 3 SLAB PLAN | S2.4A | LEVEL 4 SLAB & TOP ADD. REINF. PLAN |
| LEVEL 4 FLOOR PLAN | S2.4B | LEVEL 4 SLAB & BOT. ADD. REINF. PLAN A |
| LEVEL 4 SLAB PLAN | S2.5A | LEVEL 5 SLAB & TOP ADD. REINF. PLAN |
| LEVEL 5 FLOOR PLAN | S2.5B | LEVEL 5 SLAB & BOT. ADD. REINF. PLAN |
| LEVEL 5 SLAB PLAN | S2.6A | LEVEL 6 SLAB & TOP ADD. REINF. PLAN |
| LEVEL 6 FLOOR PLAN | S2.6B | LEVEL 6 SLAB & BOT. ADD. REINF. PLAN |
| LEVEL 6 SLAB PLAN | S2.7A | ROOF SLAB & TOP ADD. REINF. PLAN |
| ROOF PLAN | S2.7B | ROOF SLAB & BOT. ADD. REINF. PLAN |
| ROOF SLAB PLAN | \$4.0 | STUD RAILS |
| UNIT PLANS - A | | |
| UNIT PLANS - B1 | | |
| UNIT PLANS - B2 | | |
| UNIT PLANS - B3 | | 145 |
| UNIT PLANS C AND D | | ME |
| UNIT PLANS - E | | |
| UNIT PLANS - F AND G | | |
| BUILDING ELEVATIONS | M1.1 | FOUNDATION PLUMBING PLAN |
| DUIL DING ELEVATIONS | M1 2 | PARKADE PLLIMBING PLAN |

M1.2 PARKADE PLUMBING PLAN

BUILDING ELEVATIONS LEVEL 1 PLUMBING PLAN **BUILDING ELEVATIONS** LEVEL 2 PLUMBING PLAN BUILDING ELEVATION LEVEL 3 PLUMBING PLAN **BUILDING ELEVATIONS** M1.6 LEVEL 4 PLUMBING PLAN BUILDING SECTIONS M1.7 LEVEL 5 PLUMBING PLAN BUILDING SECTION LEVEL 6 PLUMBING PLAN M1.8 PODIUM WALL SECTIONS PARKADE FIRE PROTECTION PLAN M2.1 PODIUM WALL SECTIONS LEVEL 1 FIRE PROTECTION PLAN M2.2 WALL SECTIONS M2.3 LEVEL 2 FIRE PROTECTION PLAN STAIR 1 PLANS AND SECTIONS M2.4 LEVEL 3 FIRE PROTECTION PLAN STAIR 2 PLANS AND SECTIONS M2.5 LEVEL 4 FIRE PROTECTION PLAN A6.03 FEATURE STAIR DETAILS LEVEL 5 FIRE PROTECTION PLAN M2.6 CONCRETE STAIR & RAILING DETAILS LEVEL 1 HEATING PLAN LEVEL 2 HEATING PLAN M3.4 LEVEL 4 HEATING PLAN M3.5 A7.20 ROOF DETAILS LEVEL 5 HEATING PLAN MAIN FLOOR RCP M3.7 LEVEL 6 HEATING PLAN A8.02 LEVEL 2 RCP A8.03 LEVEL 3 & 4 RCP A8.04 LEVEL 5 & 6 RCP M4.4 LEVEL 3 VENTILATION PLAN

INTERIOR DESIGN **ROOF PLAN** MECHANICAL ROOM PLAN M6.1 ID0.01 INTERIOR GENERAL NOTES & TYPICAL MOUNTING HEIGHTS M7.1 MECHANICAL SCHEMATICS 1 ID0.02 INTERIOR FINISH SCHEDULE MECHANICAL DETAILS 1 ID2.01 MAIN FLOOR FINISH PLAN M8.2 MECHANICAL DETAILS 2 ID2.02 LEVEL 2 FLOOR FINISH PLAN M9.1 MECHANICAL SCHEDULES 1 ID2.03 LEVEL 3 FLOOR FINISH PLAN M9.2 MECHANCIAL SCHEDULES 2 ID2.04 LEVEL 4 & 5 FINISH PLAN ID2.05 LEVEL 6 - FINISH PLAN ID3 01 MAIN FLOOR FF&F PLAN ID3.02 LEVEL 2 FF&E PLAN ID3.03 LEVEL 3 FF&E PLAN

ID3.04 LEVEL 4 FF&E PLAN ID3 05 | LEVEL 5&6 FE&F PLA ID4.01 ENLARGED MAIN FLOOR WASHROOM BLOCKS ID4.02 ENLARGED LEVEL 2 WASHROOM BLOCKS ID4.03 ENLARGED LEVEL 3 WASHROOM BLOCKS ID4.04 ENLARGED LEVEL 3 WASHROOM BLOCKS ID4.11 UNIT BATHROOM ELEVATIONS

ID4.12 UNIT KITCHEN ELEVATIONS ID6.01 COMMON AREA ELEVATIONS ID6 02 COMMON AREA ELEVATIONS ID6.03 COMMON AREA ELEVATIONS ID6.04 COMMON AREA ELEVATIONS ID6.05 COMMON AREA ELEVATIONS

LEVEL 6 FIRE PROTEECTION PLAN PARKADE HEATING PLAN LEVEL 3 HEATING PLAN PARKADE VENTILATION PLAN LEVEL 1 VENTILATION PLAN LEVEL 2 VENTILATION PLAN LEVEL 4 VENTILATION PLAN LEVEL 5 VENTILATION PLAN LEVEL 6 VENTILATION PLAN

STRUCTURAL

E000 ELECTRICAL SYMBOL LEGEND AND DRAWING LIST E001 SITE PLAN E100 PARKADE LIGHTING PLAN E101 LEVEL 1 LIGHTING PLAN E102 LEVEL 2 LIGHTING PLAN E103 LEVEL 3 LIGHTING PLAN E104 LEVEL 4 LIGHTING PLAN E105 LEVEL 5 LIGHTING PLAN E106 LEVEL 6 LIGHTING PLAN E107 ROOF LIGHTING PLAN E200 PARKADE POWER & LOW TENSION PLAN F201 LEVEL 1 POWER & LOW TENSION PLAN E202 LEVEL 2 POWER & LOW TENSION PLAN LEVEL 3 POWER & LOW TENSION PLAN E204 LEVEL 4 POWER & LOW TENSION PLAN E205 LEVEL 5 POWER & LOW TENSION PLAN E206 LEVEL 6 POWER & LOW TENSION PLAN ROOF POWER & LOW TENSION PLAN MECH PENTHOUSE ROOF POWER & LOW TENSION PLAN E208 ELECTRICAL ROOM CALLOUTS

E310

SINGLE LINE DIAGRAM

E321 COMMUNICATION RISER DIAGRAM

E311 FIRE ALARM RISER DIAGRAM

E312 FIRE ALARM ZONE

E500 DETAILS

E400 TYPICAL SUITE PLANS 1

E401 TYPICAL SUITE PLANS 2

E600 LUMINAIRE SCHEDULES

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> **GENERAL NOTES AND ASSEMBLIES**

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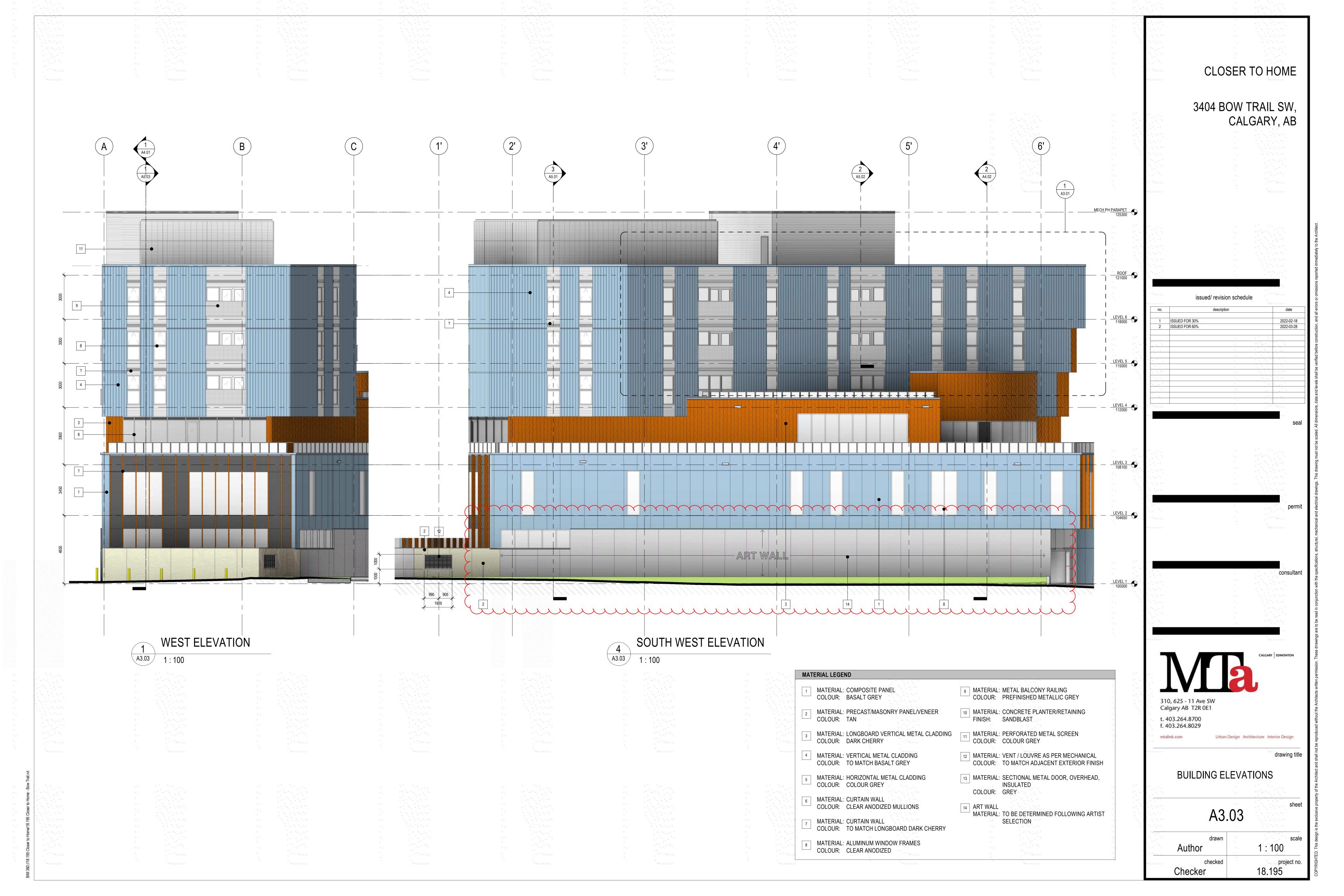
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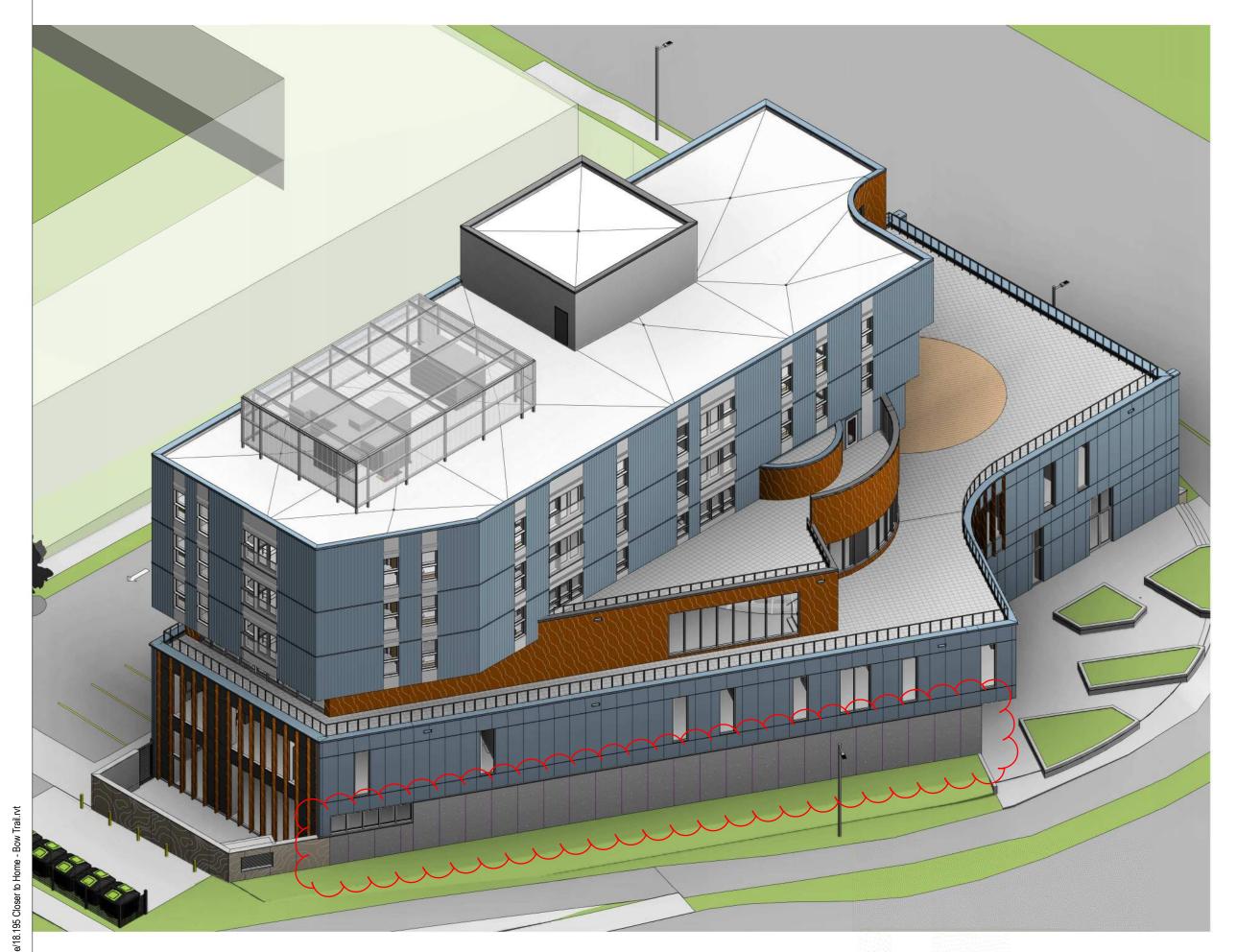
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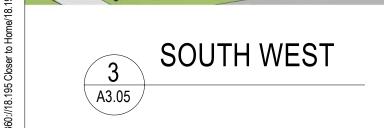




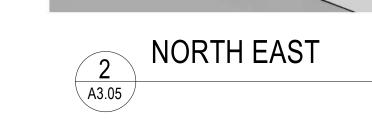
















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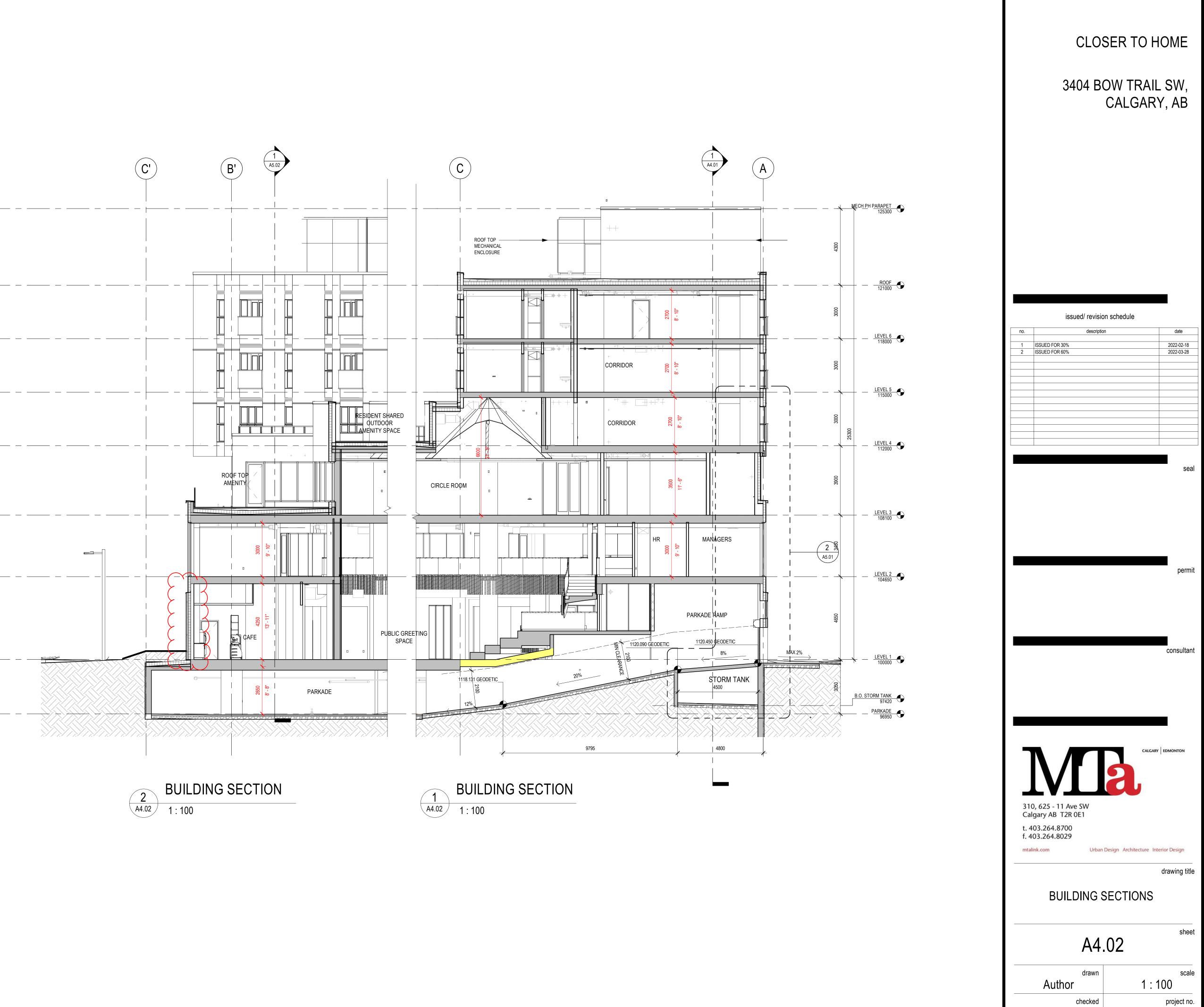
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