Design Package of: ÉÉC Frère-André, Barrie

273 Cundles Rd E, Barrie, ON L4M 6L1

Design Package

Project: ÉÉC Frère-André, Barrie
Prepared For: Conseil scolaire catholique MonAvenir
Prepared By: AAA Architects

Project Overview

This design package outlines the architectural, structural, and mechanical details for the renovation and upgrade of ÉÉC Frère-André in Barrie. The document includes conceptual designs, technical specifications, and compliance measures to ensure successful implementation.

Contents

Project Objectives

Ensure compliance with Ontario Building Code (OBC)
Improve functionality, safety, and sustainability
Upgrade existing infrastructure for long-term durability
Implement modern energy-efficient systems
Enhance the learning environment for students and staff

No.	DATE	ISSUES / REVISIONS

SEAL:

ARCHITECT:

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OWNER:

MonAvenir
CONSEIL SCOLAIRE CATHOLIQUE

PROJECT:

ÉÉC Frère-André, Barrie
273 Cundles Rd E, Barrie, ON L4M 6L1

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COVER PAGE

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SECTION 06 41 00 - CABINET WORK

Section 1 - General Requirements: Specification Breakdown
This section outlines the overarching requirements for millwork and cabinetry at ÉÉC Frère-André, Barrie under Conseil scolaire catholique MonAvenir.

1.1 General Requirements
Compliance with Division 1 of the Project Specifications

All work must adhere to Division 1 (General Requirements) of the project specifications.
Ensure that all millwork-related sections align with the architectural and engineering standards outlined in Division 1.

1.2 Related Work
Ensure Coordination with Other Trades

The following sections are directly related to cabinet work and must be coordinated with:
Metal Fabrications: Section 05 50 00
Rough Carpentry: Section 06 10 00
Finish Carpentry: Section 06 20 00
Solid Surfacing: Section 06 61 16
Wood Doors (except specified herein): Section 08 14 16
Glass & Glazing (including sliding panels & tracks): Section 08 81 00
Sinks & Faucets: Division 22
Electrical Outlets & Fixtures: Division 26

1.3 Definition
Exposed Components Definition

Any component labeled as "Exposed" must include:
Interiors of cupboards, cabinets, and counters
Backs of doors
Shelving, gables, drawers
These components must meet the same aesthetic and material quality standards as exterior surfaces.

1.4 Quality Assurance
Adherence to AWMAC & AWI Premium Grade Standards

All work must comply with the latest "Quality Standards" of:
Architectural Woodwork Institute (AWI)
Architectural Woodwork Manufacturers' Association of Canada (AWMAC)
Only manufacturers in good standing with AWMAC are acceptable for fabrication.

1.5 Submittals
Required Documentation Before Fabrication

Shop Drawings

Must include assembly, connections, anchorage, materials, dimensions, thickness, and finishes.
Plan, section, and elevation views with detailed measurements.
No single-line diagrams permitted.
Drawings must be original from the fabricator (not copied from Consultant's drawings).
Material Samples

Two duplicate samples of each solid wood and plywood for exposed work.
Hardware Samples (e.g., hinges, locks, pulls) for pre-approval.

1.6 Mock-Up
Fabrication of a Full-Scale Cabinet Sample

A full-size mock-up of a base cabinet (single door and drawer unit) and wall cabinet (single door unit) is required.
The mock-up may be incorporated into the final installation if approved by the Consultant.

1.7 Product Delivery, Handling, and Storage
Storage & Transportation Conditions

Protect all cabinetwork from damage and moisture fluctuations.

Maintain minimum storage conditions:

Temperature: 16°C (60.8°F) or higher
Relative humidity: 25% - 55%
Laminate Protection:

Cover all plastic laminate surfaces with heavy Kraft paper at the factory.
Site Delivery Restrictions:

Do NOT deliver millwork until:
All wet trades (e.g., painting, drywall, plumbing) are complete.
The building is enclosed, with stable humidity levels.
Avoid delivery during rain or damp weather.
Storage Precautions:

Prevent exposure to excessive moisture (to maintain kiln-dried stability).
Handle all materials with care to avoid deterioration.

1.8 Protection
On-Site Protection During & After Installation

Apply protective coverings on all millwork components after installation to prevent damage.
Maintain protection until project completion and final inspection.

1.9 Guarantee & Inspection Service
AWMAC Quality Inspection & Compliance

Manufacture & install millwork to AWMAC Quality Standards.
Subject to inspection at the plant & site by an AWMAC-appointed inspector.
Inspection costs are covered under cash allowance (Section 01210).
Shop drawings must be reviewed by AWMAC before work begins.
Non-compliant work must be corrected at no extra cost to the Owner.
AWMAC 2-Year Guarantee Certificate

Covers reworking, replacing, or refinishing any defective millwork due to:
Faulty workmanship
Defective materials
Guarantee period: 2 years from Substantial Performance.

1.10 Warranty
2-Year Warranty on Materials & Workmanship

At no cost to the Owner, any defects in materials and workmanship must be corrected.
Coverage includes:
Delamination
Warping
Other structural or performance-related defects
Warranty Period: 2 years from the date of Substantial Performance.

PART 2 - PRODUCTS

2.1 MATERIALS

Solid Wood
Unless otherwise indicated, provide AWI/AWMAC Premium Grade.
All wood materials shall be new, straight, and clean, free of sap, knots, pitch, and other defects, except as permitted by applicable grading rules.
All wood shall be kiln dried to a maximum moisture content of 6% to 8%.
Hardwood: Maple Premium Grade or White Birch Premium Grade.

Softwood:

To CAN/CSA-0141-05 (R2019), dressed all sides, used in concealed locations only, except where shown otherwise.
Concealed framing: No. 1 Grade White Pine.

Plywood Panel Materials

Hardwood Plywood:

CSA 0115-1982, Type II.
AWI/AWMAC AA Grade where exposed, A Grade where semi-exposed.
Maple veneer or Select White Birch veneer.
Veneer core where required, manufactured to meet NAUF standards.

Softwood Plywood:

CSA 0151-17 Sanded Grade, solid two sides.
Use in concealed locations only.
Particleboard: ANSI A208.1, 700 kg/m³ density, manufactured to meet NAUF standards.
Medium Density Fibreboard (MDF): ANSI A208.2, 750 kg/m³ density.
Hardboard: CGSB 11-GP-3M, Type 2.

Melamine-Faced Panels:

Melamine resin impregnated sheet, thermally fused to particleboard.
Colours/textures selected by Consultant from the full range of products by Uniboard Canada Inc., Panolam by Flakeboard, or other approved manufacturers.

Plastic Laminated Components

Plastic Laminate Facing Sheet:

ANSI/NEMA LD3-2005, Grades HGS, VGS, and HGP.
Colours, gloss, and texture to be selected by Consultant from Formica, Arborite, Nevamar, Wilsonart, or Pionite.
Backing Sheet: BKL Grade, from the same manufacturer as the facing sheet.
Core: Particleboard.
Laminating Adhesive: CAN3-0112 Series M1977.
Core Sealer: Clear water-resistant synthetic resin sealer.
PVC Edging:
Product: Doellken Woodtape PVC Edgebanding.
Profile: Square.
Thickness: 3mm unless otherwise shown.
Colours/Patterns: Woodgrain Prints and Solid Colours as selected by Consultant.
Fasteners & Adhesive
Nails & Staples: CSA B111-1974, galvanized.
Screws: Zinc, cadmium, or chrome-plated steel.
Adhesive: CAN3-0112 Series M1977, waterproof type as approved by Consultant.
Solid Core Doors
To CSA 0132.2-M1977.
Flush doors, 35mm thick.
Face veneer and edge banding must match adjacent cabinetwork.
Cork for Display Cases
6mm thick fine-grained natural cork by Architectural School Products or Global.
Display Case Liner
Ribbed, non-woven acoustically absorbent material: Quiet Wall Carpet by Modernfold.
Flammability Standards (ASTM E84):
Flame spread: 15
Fuel contributed: 5
Smoke developed: 25

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2.2 FABRICATION

General Requirements

Exposed Surfaces:

Provide wood members free from bruises, blemishes, mineral marks, knots, shakes, and other defects, except as specifically permitted by grade rules.
Select exposed surfaces for balanced overall appearance free of stark contrasts.
Sand smooth all exposed surfaces to provide an even and uniform finish free of defects detrimental to appearance.

Exposed Joints & Edges:

Uniformly space exposed joints unless otherwise indicated.
No edge grain shall be visible.
Mitre external corners and house internal corners.
Secure corners with corrugated metal fasteners and glue mitred corners.
All exposed edges of plywood and particleboard shall have solid or multi-layered 3mm thick wood edging, pressure glued.
Mechanical Fasteners:

Inconspicuously locate all fasteners (conceal where possible).
Countersink nail heads.
Where exposed to view, countersink screw and bolt heads and fill holes with matching wood plugs.

Cutting & Fitting:

Make cutouts in cabinetwork as required to accommodate work of other sections.
Cabinetwork

General Construction:

As far as practicable, assemble work in the shop and deliver to the site ready for installation.
Leave ample allowance for fitting and scribing in place.
Use "flush overlaid" construction unless otherwise detailed.
For cabinet door heights exceeding 1200mm, use "exposed case" construction.
Use tenon, dado, dowel, or rabbet interior construction, ensuring all parts are well-glued along their full length/height.
Use glue blocks where necessary.
Shoulder mitre all exposed corners.
Open-ended or skeleton frames against walls are not permitted.

Materials:

Construct all cabinetwork, counters, and cupboards from white birch-faced plywood and solid birch.
Use veneer core plywood for all components, except for doors and drawer fronts.
Use the same species of hardwood throughout unless a specific species is specified.
Select hardwood plywood for a uniform appearance within each cabinetwork unit.
Avoid starkly contrasting veneer colors within any single unit.
Replace components deemed unsatisfactory by the Consultant.

Structural Considerations:

Design and fabricate work to accommodate expansion and contraction.
All connectors and fasteners shall be concealed unless directed otherwise by the Consultant.
Ensure tight joints.
Locate prominent joints where directed.
Prevent opening up of joints and glue lines in the finished work.

Cabinetwork:

.1 As far as practicable, assemble work in shop and deliver to site ready for installation. Leave ample allowance for fitting and scribing in place.

.2 Except where otherwise detailed use "flush overlaid" construction. Where cabinet door height exceeds 1200 mm use "exposed case" construction. Tenon, dado, dowel or rabbet interior construction with all parts well glued along full length/height. Use glue blocks where necessary. Shoulder mitre all exposed corners. Open ends or skeleton frames against walls are not permitted.

.3 Construct all cabinetwork, counters, cupboards, from white birch faced plywood and solid Birch. Use veneer core plywood for all components, except doors and drawer fronts. Use same species of hardwood throughout, unless a specific species is called up, shown or specified for a particular unit or area. Select hardwood plywood for each cabinetwork unit so as to produce well blended uniform appearance. Avoid use of starkly contrasting veneer colours within any one unit. Replace components which in Consultant's opinion are not of satisfactory appearance.

.4 Design and fabricate work to accommodate expansion and contraction of components. All connectors and fasteners shall be concealed unless permitted by Consultant to be exposed.

5. Fabricate work to produce tight joints. Locate prominent joints where directed. Prevent opening up of joints and glue lines in finished work.

.6 Rout gables for pilaster strips where adjustable shelving is required.

.7 Construct gables of hardwood faced veneer plywood. Rout gables for pilaster strips where adjustable shelving is required.

.8 Construct shelving of hardwood faced veneer plywood. Reinforce shelves where span exceeds 1000 mm.

.9 Construct doors and drawer fronts of 19 mm hardwood faced plywood. Where shown provide 35 mm thick solid core doors, unless otherwise shown

.10 The core of the hardwood faced plywood will be particle board for all cabinet doors and drawer fronts that are up to 19mm thick.

.11 Provide running members in maximum length obtainable. Provide thickness of members in maximum dressed size of standard lumber. Where width or thickness indicated is not available, use glue laminations to obtain sizes required.

.12 Prepare cabinetwork to receive required hardware. Install cabinet hardware in accordance with hardware manufacturer's directions. Unless otherwise indicated, provide each drawer and door with pull, each drawer with extension hardware and each door with minimum two hinges, (2 hinges for door height up to 900 mm, 3 hinges for door height up to 1350 mm and 4 hinges for door height up to 1800 mm). Provide locks at all doors and drawers unless otherwise shown.

.13 Unless otherwise indicated, factory finish all cabinetwork with a stain and polymerizing two component catalytic conversion varnish system; colour and sheen to be selected by Consultant. All surfaces shall be carefully prepared and sanded before and between coats to provide final finish which shall be smooth, even and uniform free of machine marks, hammer marks, depressions and imperfections.

.14 Apply moisture repellent sealer to concealed backs of cabinetwork.

Thickness Requirements:

Doors: 19mm
Drawer fronts: 19mm
Gables: 19mm
Cabinet backs (floor-supported): 12mm
Cabinet backs (wall-hung): 19mm
Shelves: 19mm
Drawer bodies: 12mm

PART 3 - EXECUTION

3.1 INSTALLATION

General Installation Requirements

Ensure all cabinetwork components are installed plumb, level, and securely fastened in place.
Accurately scribe and closely fit components to irregularities of adjacent surfaces.
Fit joints in true plane, and locate joints over bearing or supporting surfaces.
Provide mechanical fastening devices such as nails, screws, and bolts where necessary.
Use concealed fastening of components wherever possible.
If nailing is permitted, use small-headed finishing nails and countersink nail heads with a nail setter.

Fastening & Concealment:

Install plastic laminate components using concealed fastening devices.
Where screws or bolts are used, countersink heads and provide wood plugs matching surrounding wood.
Where cabinetwork abuts other building elements, provide wood trim matching the cabinetwork unless otherwise detailed.
Integration with Other Trades
Prepare cutouts for plumbing, electrical services, and other trades as required.
Provide removable plywood access panels where required to access valves and other mechanical or electrical components.
Secure panels with four brass screws.

Final Adjustments & Inspection:

Check the operation of all movable parts, including drawers, doors, and hinges.
Adjust as necessary to ensure smooth and proper functioning.
Upon completion of installation, inspect the work and perform any necessary touch-ups or repairs.
Replace any damaged or defective components that cannot be satisfactorily repaired, as determined by the Consultant.
Protection & Final Cleaning
Cover and protect finished millwork and cabinetry from damage during and after installation.
Ensure that protective coverings are removed only at the final stage of project completion.
Clean all surfaces to remove dust, stains, and other residues before final inspection and handover.

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Room#	Base cabinet (Match existing size)	Wall cabinet (Match existing size)	Countertop (Match existing size)	Sink, Faucet and Shut-off valves	Base A (39L X 29.5H X 14D) without doors	Tall storage cabinet B (36W X 24D X 84H) with doors and locks	Tall storage shelves C (36W X 18D X 84H) without doors	Propose new design to replace existing cabinet to match existing size
Rm #1	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #2	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #3 (CAA)	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #4	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #5	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #6	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #7	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #8	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #9	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #10	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #11	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #12	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #13	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #14	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #15	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #16	Replace	Replace	Replace	Replace	3	2	2	N/A
Rm #17	Replace	Replace	Reuse	Reuse	3	2	2	N/A
Rm #18 (MJ)	Replace	Replace	Reuse	Reuse	9	N/A	N/A	Replace
Rm #19 (MJ)	Replace	Replace	Reuse	Reuse	9	N/A	N/A	Replace
Rm #20 (MJ)	Replace	Replace	Reuse	Reuse	9	N/A	N/A	Replace
Staff room	Replace	Replace	Replace	Replace	N/A	2	2	Optional item
Admin office	Replace	Replace	Replace	Replace	N/A	N/A	N/A	Optional item

1 / A200 GROUND FLOOR PLAN
Scale: 1 : 150

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GROUND FLOOR LAYOUT

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FINISHING SCHEDULE					
Name	**Wall Finish**				**Level**
	NORTH / ACCENT WALL - W1	SOUTH	EAST	WEST	
MINI GYM	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
UNUSED CLASSROOM	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 3	234-C1 SW6253 OLYMPUS WHITE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 4	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 5	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 6	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 7	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 8	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
STAFF ROOM	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 11	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 12	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 13	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 14	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 15	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 16	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 17	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 18	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 19	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR
CLASSROOM 20	280-C4 SW7606 BLUE CRUISE	234-C1 SW6253 OLYMPUS WHITE			GROUND FLOOR

Detailed Inspection Report: Frère-André Catholic Elementary School

Date of Inspection: January 14, 2025Inspected by: Mechways Inc.Location: Frère-André Catholic Elementary School, 273 Cundles Rd E, Barrie, ON L4M 6L1

1. Scope of Inspection
The purpose of this professional visual inspection was to evaluate the condition of plumbing fixtures and pipes to ensure their functionality, integrity, and compliance with Ontario Building Code (OBC) standards. The inspection included the assessment of:

Sinks: Examined for leaks, rust, damage, and proper drainage.
Faucets: Checked for water pressure, leaks, and ease of operation.
Shut-off valves: Verified proper functionality and accessibility.
Visible pipes: Inspected for corrosion, leaks, and structural integrity.
Drainage pipes: Assessed for blockages, proper water flow, and potential damage.
Supply lines: Checked for secure connections, pressure consistency, and signs of bulging or wear.
A total of 22 rooms were inspected, including Rooms 1-20, Staff Room, and Admin Room.

2. Findings

2.1 Rooms in Good Condition (No Changes Required)
The following rooms were found to have no plumbing issues, with all fixtures functioning correctly:
Rooms: 3, 6, 8, 9, 10, 11, 12, 13, 17, 18, 19, 20, and Staff Room.

Condition:
No leaks, corrosion, or visible damage.
Proper water pressure and functional shut-off valves.
Drainage pipes free of blockages, ensuring proper wastewater disposal.
Securely connected and intact supply lines.

2.2 Rooms Requiring Changes (Outdated Fixtures Identified)
The following rooms have outdated sinks, faucets, and shut-off valves, which require immediate replacement to meet modern plumbing standards:
Room 1: Sink has visible rust, faucet has inconsistent water pressure, shut-off valve is hard to operate.
Room 2: Sink leaks at the base, faucet shows minor corrosion, shut-off valve partially functional.
Room 4: Faucet drips continuously, shut-off valve is stuck, sink is outdated but undamaged.
Room 5: Sink drains slowly due to sediment build-up, faucet pressure fluctuates.
Room 7: Faucet is heavily corroded, making operation difficult, shut-off valve is non-operational.
Room 14: Sink is cracked at the edge, shut-off valve is leaking, faucet requires frequent repairs.
Room 16: Water pressure is inconsistent, shut-off valve is jammed, minor leak under sink.
Admin Room: Sink is visibly outdated, faucet has a persistent drip, shut-off valve requires force to turn.

3. Recommendations
Immediate replacement of outdated plumbing fixtures in identified rooms to ensure compliance with OBC standards.
Install new sinks with modern materials to improve durability.
Replace faucets with water-efficient models to improve performance.
Upgrade shut-off valves to allow easier control and maintenance.
Regular preventive maintenance should be scheduled to proactively address potential plumbing issues before they worsen.
Monthly visual inspections of all rooms for early detection of leaks.
Routine pipe flushing to prevent sediment buildup and blockages.
Periodic inspections should be conducted to verify ongoing compliance and system integrity.
Annual checkups for water pressure regulation and fixture lifespan assessments.
Bi-annual professional evaluations for hidden plumbing concerns.

4. Conclusion
Majority of rooms have plumbing fixtures in good working condition, with no immediate concerns.
Several rooms require urgent replacements due to outdated or failing components.
Timely upgrades and scheduled maintenance are crucial to ensuring long-term compliance with Ontario Building Code standards and preventing potential water damage.
Implementation of the recommended upgrades will enhance water efficiency, reduce maintenance costs, and improve user experience.

Prepared by: Mechways Inc.Date: January 14, 2025

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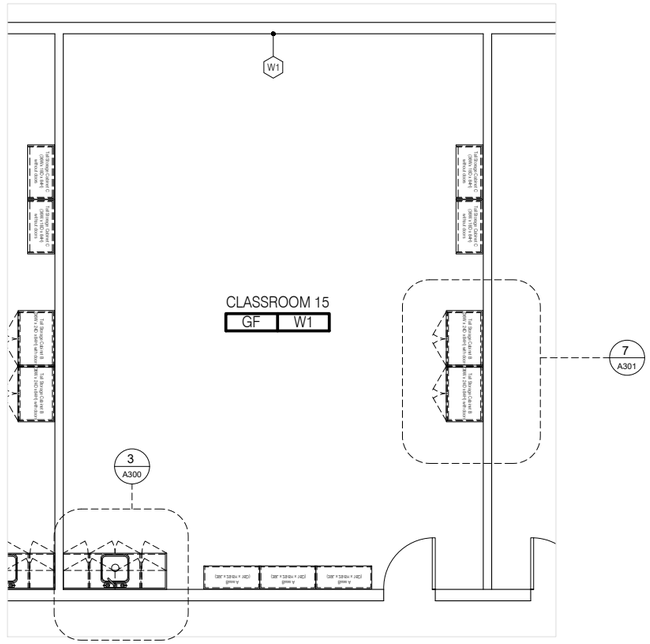

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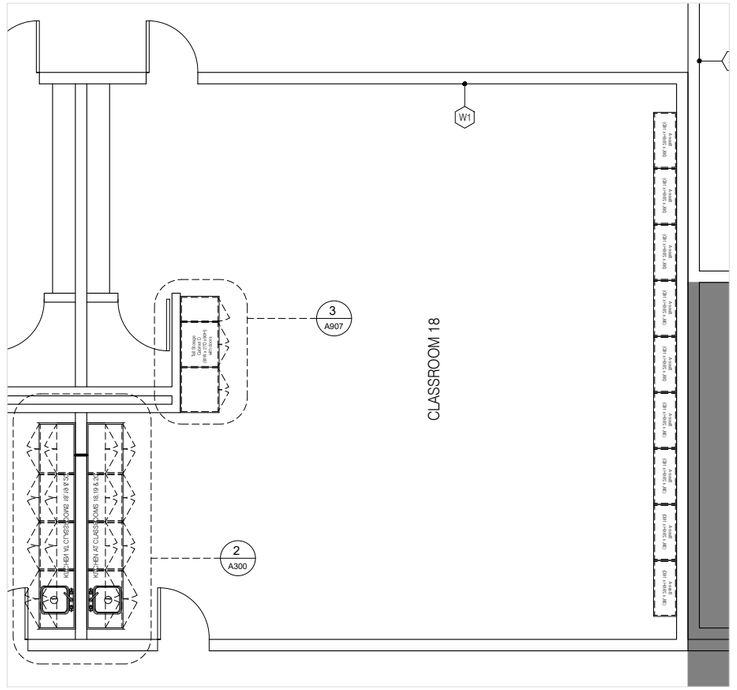

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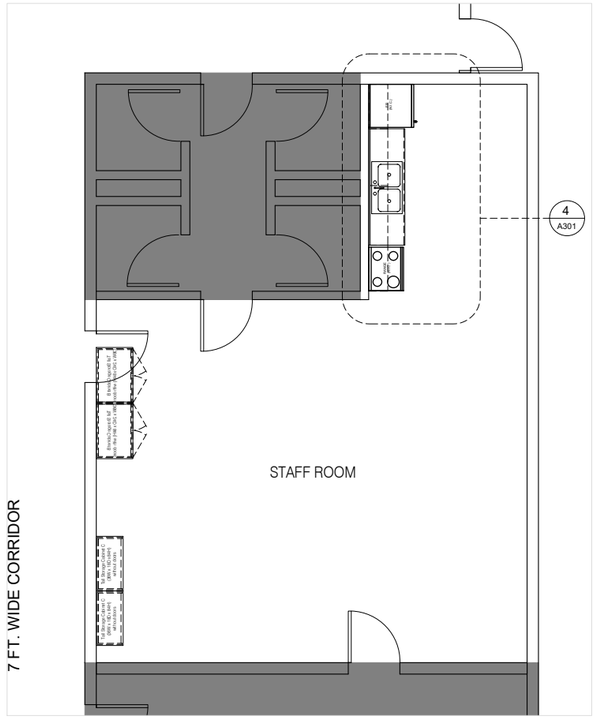

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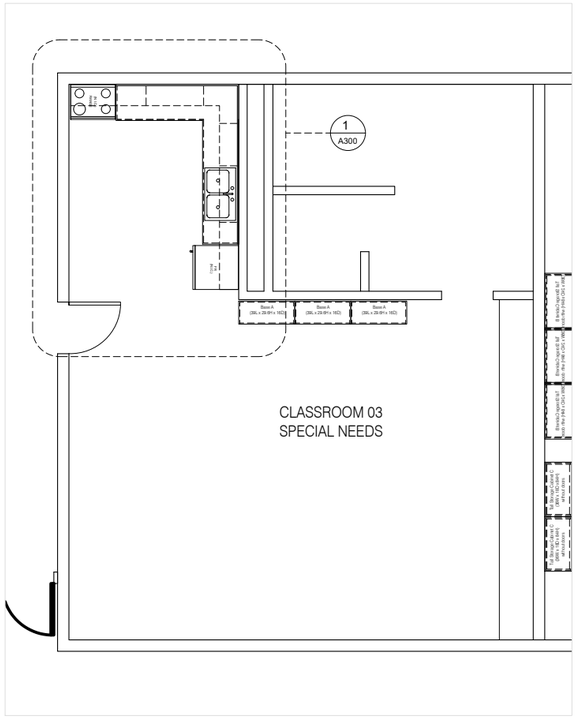
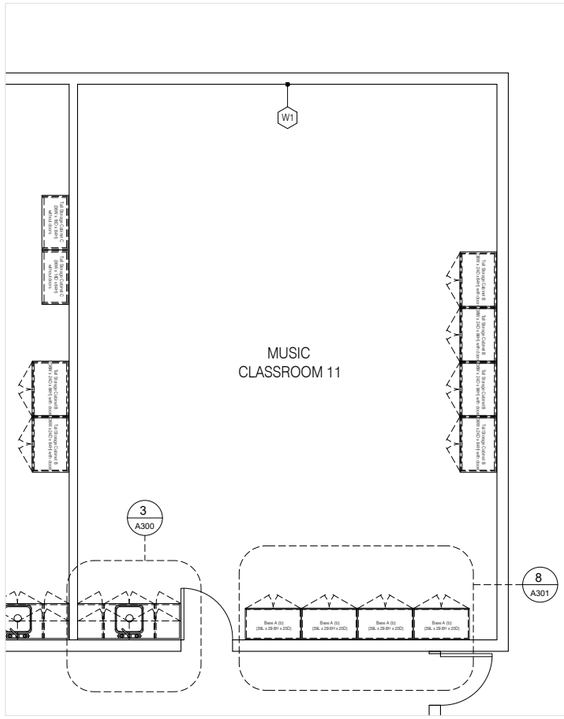


4 SPECIAL NEEDS CLASSROOM scale 1:20



5 MUSIC CLASSROOM scale 1:20

No.	DATE	ISSUES / REVISIONS

SEAL:

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OWNER:

Mon Avenir
CONSEIL SCOLAIRE CATHOLIQUE

PROJECT:

ÉÉC Frère-André, Barrie

273 Cundles Rd E, Barrie, ON L4M 6L1

DRAWING:

BLOW-UP PLANS

SCALE VERIFICATION:

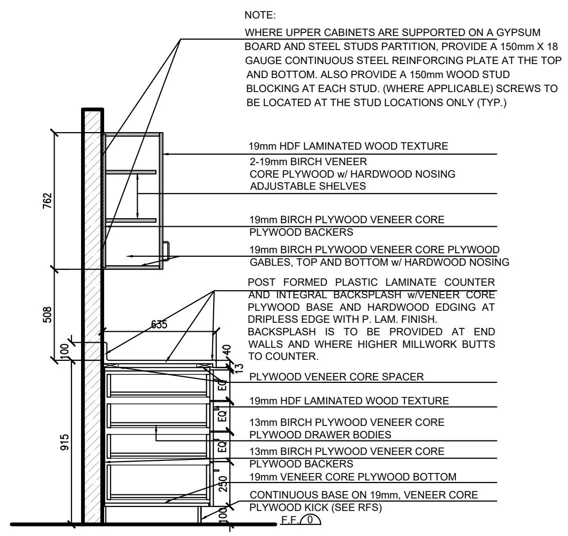
1 CM 1 INCH

THIS DRAWING IS TO BE PRINTED AT 100% ON ARCH D: 610mm x 915mm (24"x36")

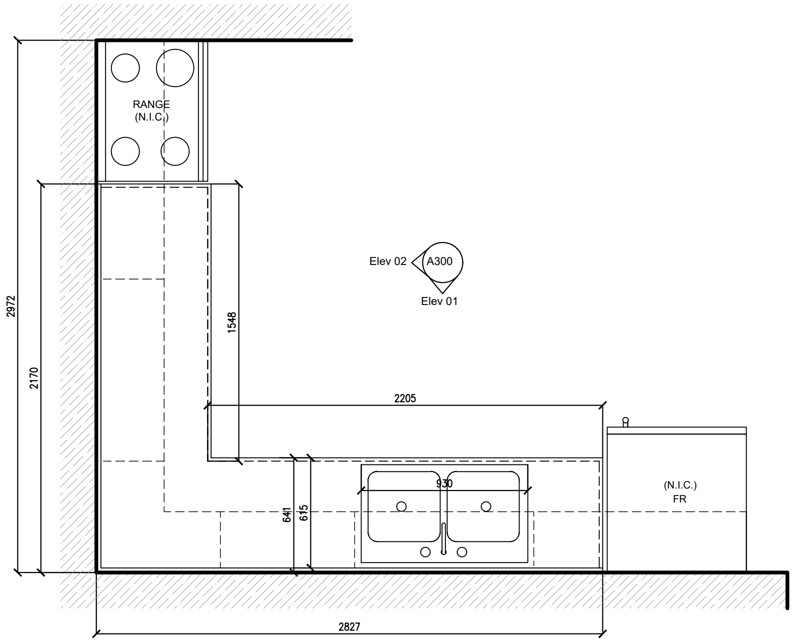
DRAWN BY:	CHECKED BY:
M.M.	A.A.
DESIGNED BY:	APPROVED BY:
N.H./A.A.	A.A.
SCALE:	PROJECT No:
	18009

DRAWING NO.:

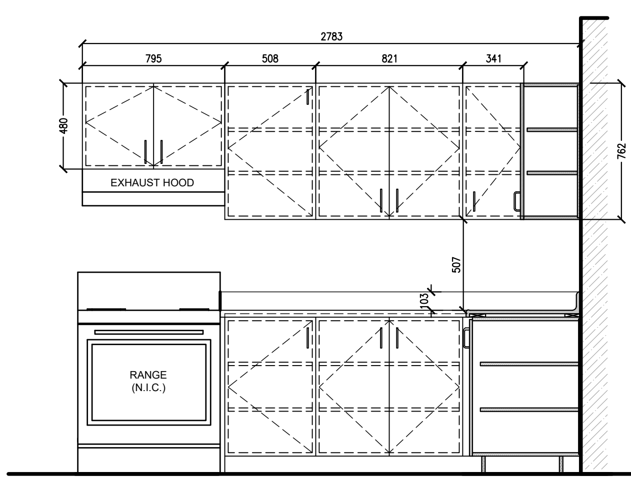
A202



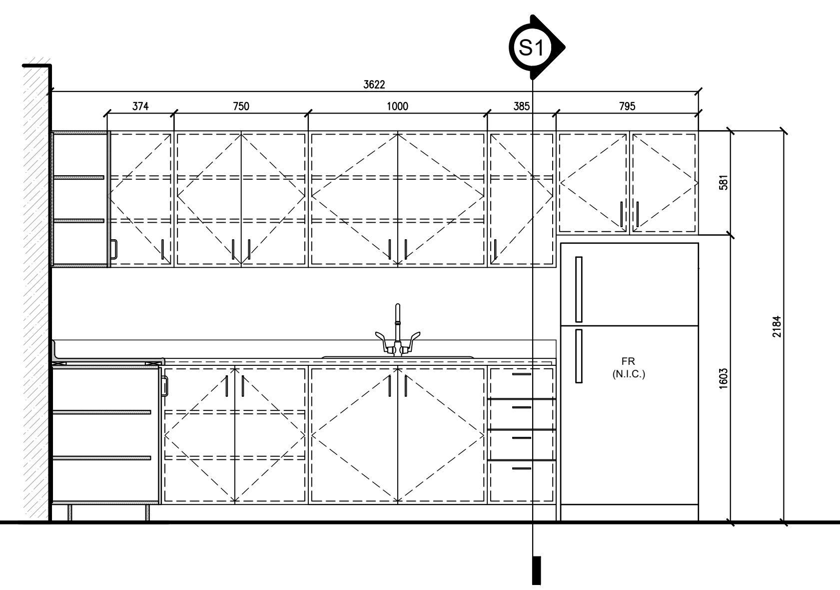
K01 - Kitchen Section 1 scale 1:20
Base Cabinet with Drawers



K01 - Kitchen Plan scale 1:20
at Special Needs - Classroom #3

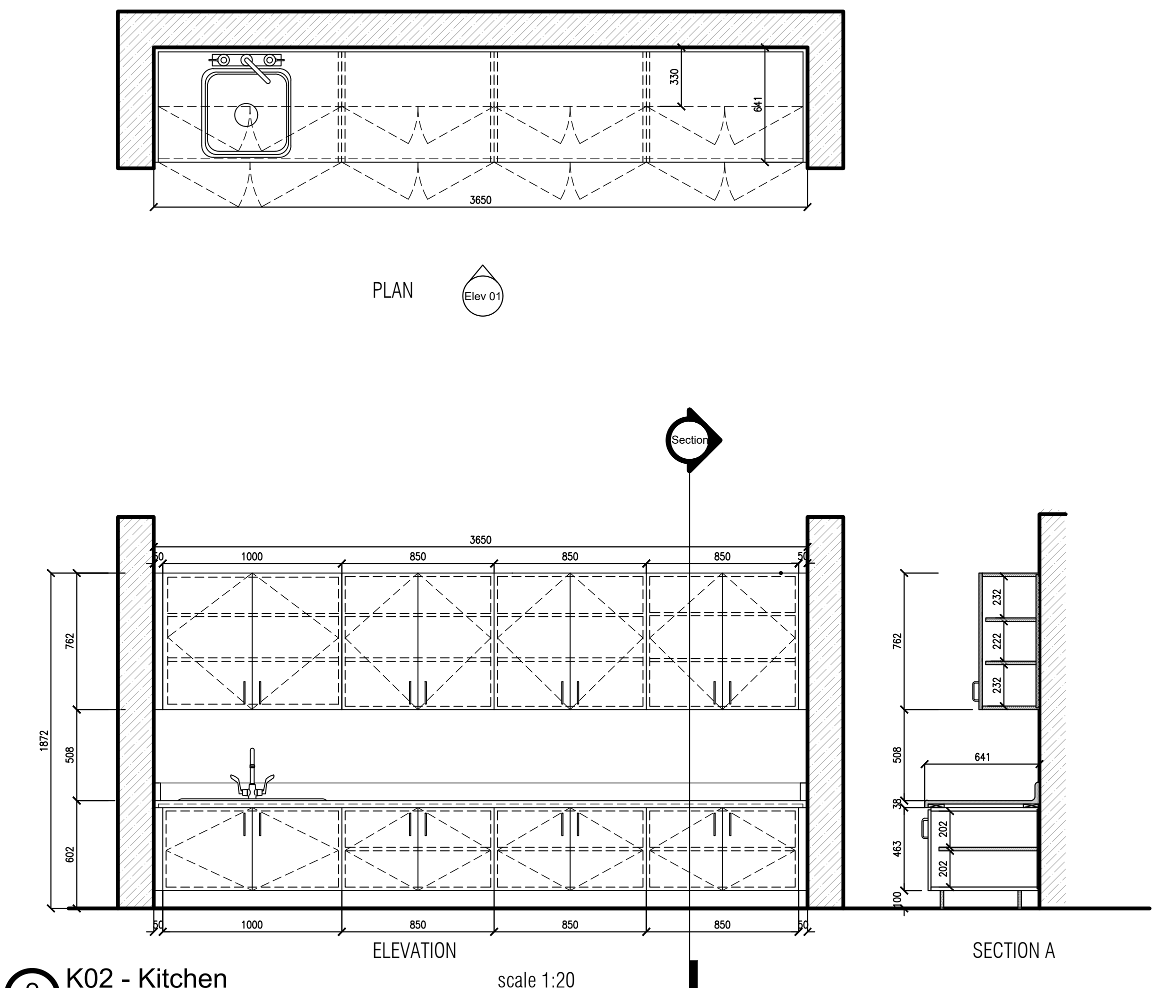


K01 - Kitchen Elevation 1 scale 1:20
at Special Needs - Classroom #3

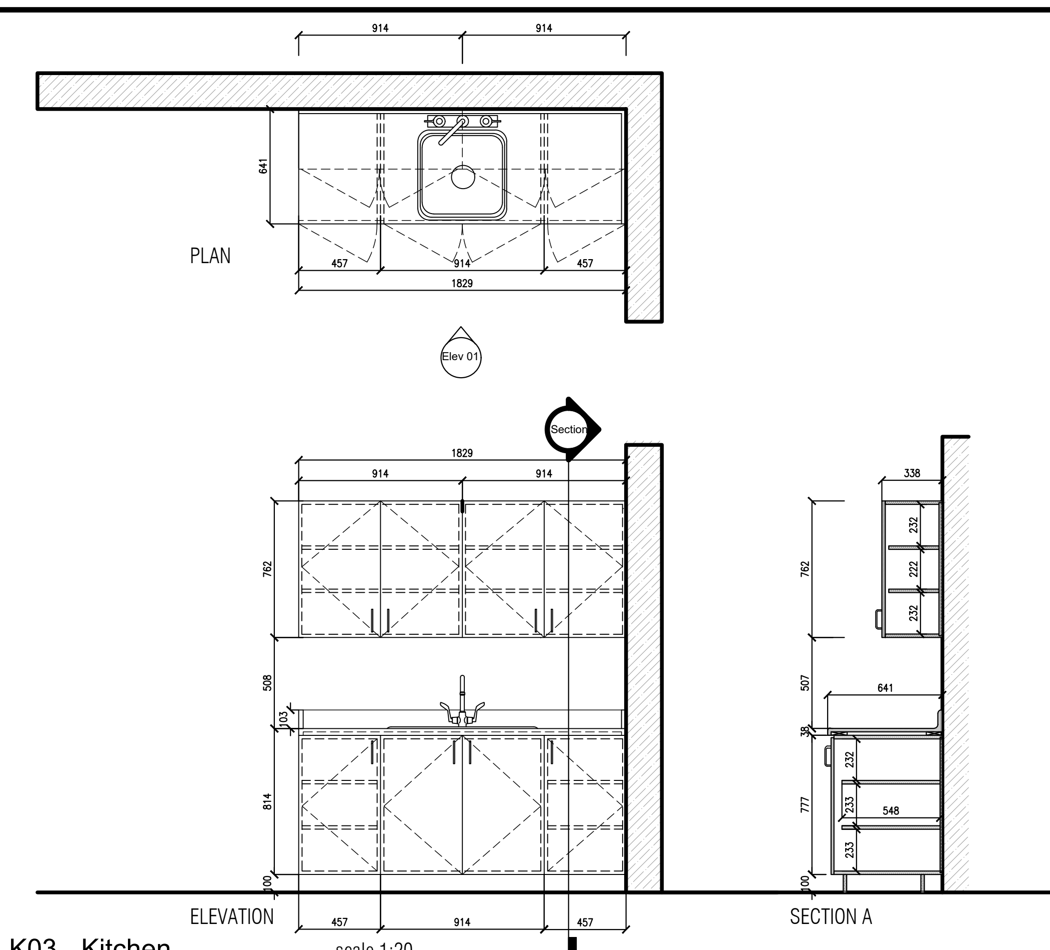


K01 - Kitchen Elevation 2 scale 1:20
at Special Needs - Classroom #3

1 K01 - Kitchen scale 1:20
at Special Needs - Classroom #3



2 K02 - Kitchen scale 1:20
at Classrooms #18,19&20



3 K03 - Kitchen scale 1:20
Typical Kitchen in Classrooms

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DRAWING:
MILLWORK DETAILS

SCALE VERIFICATION:
1 CM 1 INCH
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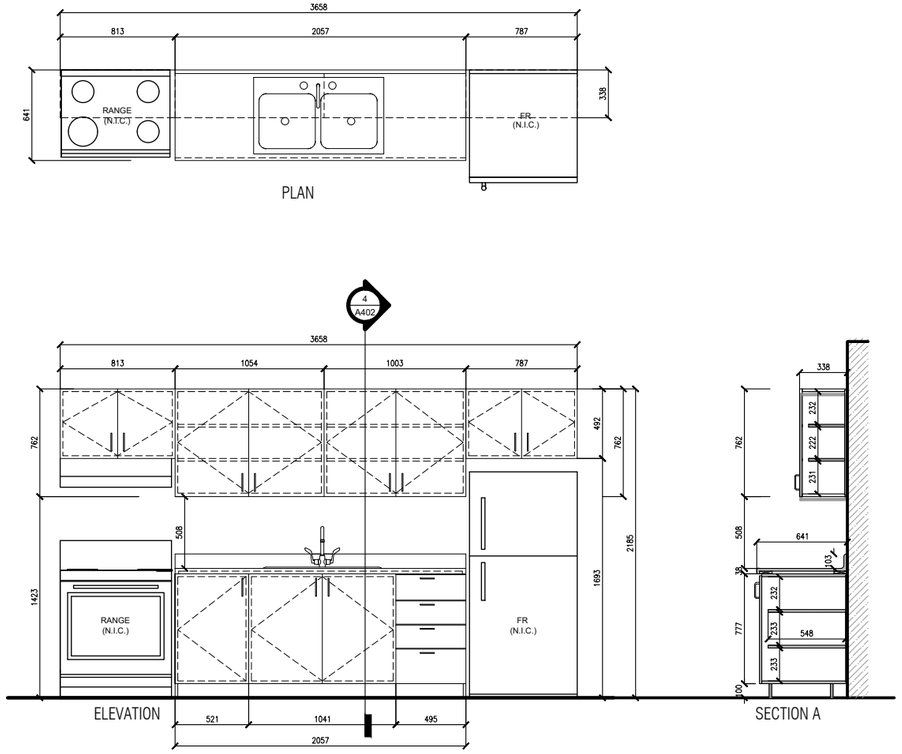
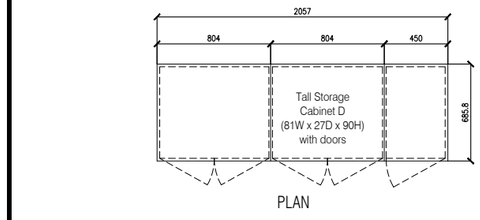
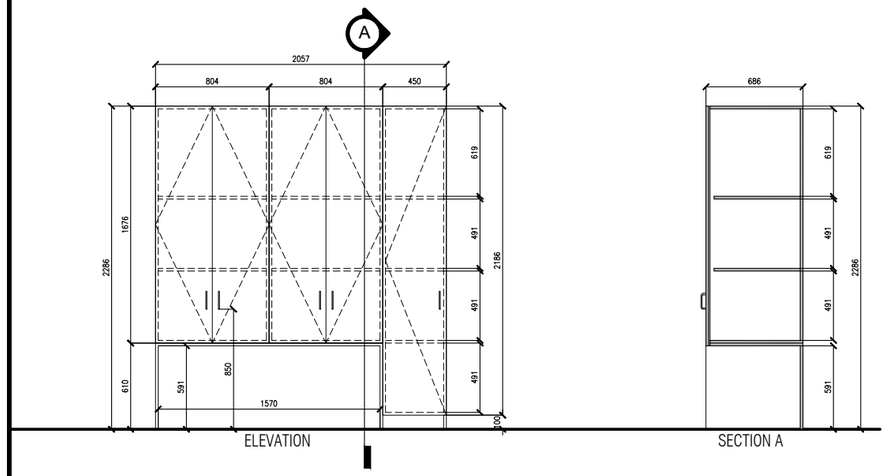
DRAWN BY: M.M.	CHECKED BY: A.A.
DESIGNED BY: N.H./A.A.	APPROVED BY: A.A.
SCALE:	PROJECT No: 18009

DRAWING NO.:
A300

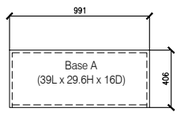


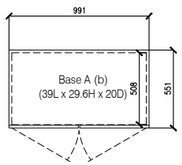
4 K04 - Kitchen at Staff Room scale 1:20

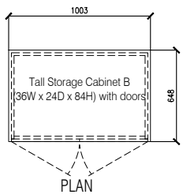


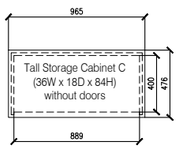


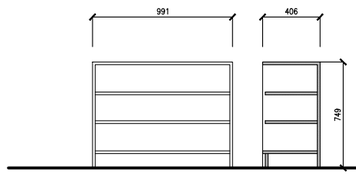
5 CABINET D - NEW DESIGN TO REPLACE EXISTING CABINET scale 1:20



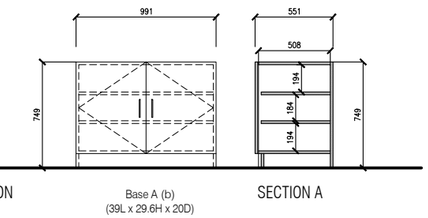




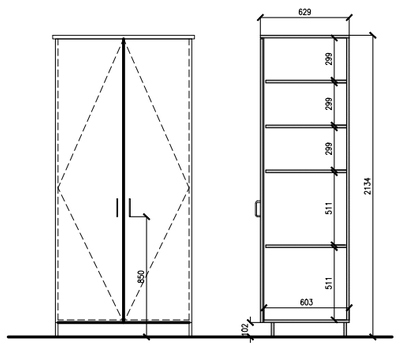




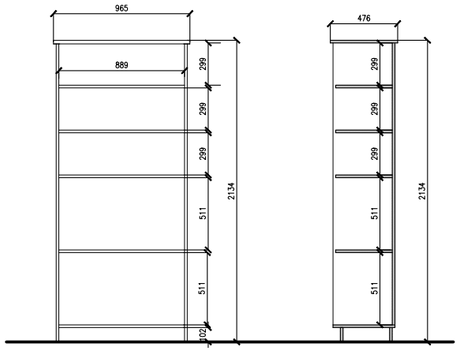
9 BASE A - WITHOUT DOOR (39L x 29.6H x 16D) scale 1:20



8 BASE A (B) - WITH DOORS (39L X 29.6H X 20D) scale 1:20



7 TALL STORAGE CABINET B (36W X 24D X 84H) WITH DOORS AND LOCKS scale 1:20



6 TALL STORAGE SHELVES C (36W X 18D X 84H) WITH DOORS scale 1:20

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DESIGNED BY: N.H./A.A.	APPROVED BY: A.A.
SCALE:	PROJECT No.: 18009

DRAWING NO.:

A301