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**ÉCOLE ÉLÉMENTAIRE
CATHOLIQUE LEITRIM**

OTTAWA, ONTARIO

E.J.C. PROJECT #2527

APRIL 2026

TENDER

SPECIFICATIONS

VOLUME 2 OF 3

SECTION 06 10 00 - ROUGH CARPENTRY

SECTION 06 40 00 - ARCHITECTURAL WOODWORK

SECTION 06 47 00 - LAMINATED PLASTIC

SECTION 08 70 05 - CABINET AND MISCELLANEOUS HARDWARE



SPECIFICATIONS

for

**ÉCOLE ÉLÉMENTAIRE CATHOLIQUE LEITRIM
3290 PROMENADE FINDLAY CREEK
OTTAWA, ONTARIO**

Prepared for

CONSEIL DES ÉCOLES CATHOLIQUES DU CENTRE-EST

Prepared by

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PART 1- GENERAL

1.1 RELATED WORK

.1	Metal Fabrications	Section 05 50 00
.2	Cabinet and Miscellaneous Hardware	Section 06 41 93
.3	Plastic Laminate Finishing	Section 06 47 00
.4	Sealants	Section 07 92 00
.5	Flush Wood Doors	Section 08 14 16
.6	Glazing	Section 08 80 50
.7	Gypsum Board Assemblies	Section 09 21 16
.8	Non-Structural Metal Framing	Section 09 22 16
.9	Painting	Section 09 91 23
.10	Whiteboards and Tackboards	Section 10 11 23

1.2 REFERENCE STANDARDS

- .1 **Unless otherwise shown on the drawings, or called for in this specification, all millwork Construction shall comply with Architectural Woodwork Manufacturers Association of Canada, Custom Grade Standards for Flush Overlay Casework, Part 2. Provide PREMIUM GRADE for all countertops, doors, and drawers fronts, and CUSTOM GRADE for all remaining casework construction, and as required for the high level of quality in materials, workmanship, and installation.**
- .2 American National Standards Institute (ANSI)
 - .1 ANSI/ASME 18.6.1-1981 (R2016), Wood Screws (Inch Series).
 - .2 ANSI A208.1-2022, Particle Board.
 - .3 ANSI A208.2-2022, Medium Density Fiberboard (MDF) for Interior Applications.
 - .4 ANSI/HPVA HP-1-2020, Standard for Hardwood and Decorative Plywood.
- .3 Architectural Woodwork Manufacturers Association of Canada (AWMAC)
 - .1 North American Architectural Woodwork Standards (AWMAC NAAWS) 4.0, 2021.
- .4 ASTM International (ASTM)
 - .1 ASTM A153/A153M-23, Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
 - .2 ASTM E1333-22, Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates From Wood Products Using a Large Chamber.
 - .3 ASTM F1667/F1667M-21a, Standard Specification for Driven Fasteners: Nails, Spikes and Staples.
- .5 Canadian General Standard Board (CGSB)
 - .1 CAN/CGSB-11.3-M87, Hardboard.
 - .2 CAN/CGSB-71.20-M88, Adhesive, Contact, Brushable.
 - .3 CAN/CGSB-71.19-M88, Adhesive, Contact, Sprayable.

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- .6 CSA Group (CSA)
 - .1 CSA O121:26, Douglas Fir Plywood.
 - .2 CSA O141:23, Softwood Lumber.
 - .3 CSA O151:26, Canadian Softwood Plywood.
 - .4 CSA O153:26, Poplar Plywood.
 - .5 CSA Z809:16 (R2021), Sustainable Forest Management.
- .7 Forest Stewardship Council (FSC)
 - .1 FSC-STD-01-001 V(5-3), FSC Principle and Criteria for Forest Stewardship.
- .8 Health Canada/Workplace Hazardous Materials Information System (WHMIS)
 - .1 Safety Data Sheets (SDS).
- .9 National Electrical Manufacturers Association (NEMA)
 - .1 ANSI/NEMA LD-3-2005, High-Pressure Decorative Laminates (HPDL).

1.3 FACTORY FINISHING

- .1 All "exposed" and "semi-exposed" surfaces of millwork shall be prefinished at the Contractor's plant prior to shipping to the job site. Touch up on site as required after installation is completed. Finishing shall be carried out in conformance with Part 5, "Factory Finishing" of the AWMAC North American Architectural Woodwork Standards 4.0, 2021.

1.4 COORDINATION

- .1 Before closing framing, convene a meeting of contractor, casework fabricator, casework installer, framing subcontractor.
 - .1 Review locations of backing required for casework installation as shown on shop drawings and as necessary for installation.
 - .2 Review method of attachment for backing to wall system.
 - .3 Review coordination with other affected sections, including mechanical and electrical equipment required to be incorporated into casework.
- .2 Coordinate with other work to ensure satisfactory and expeditious completion of the work of this section.
- .3 Take dimensions at the Place of Work relative to the work of this section. Perform work of this section to suit dimensions and conditions at the Place of Work.
- .4 Provide forms, templates, anchors, sleeves, inserts and accessories required to be fixed to or inserted in the work of this section and set in place. Instruct applicable Subcontractors as to their locations.
- .5 Coordinate with partition accessories, electrical, communications and finish components to ensure that proper provisions are made for the installation of the work of this section and for work by others.
- .6 Provide cut-outs for raceways, sleeves, grommets and other manufactured accessories which are required for the work of this section and for work by others.
- .7 Architectural woodwork specified under this section includes woodwork items which are closely integrated with both prefinished and field painted architectural work and built-in electrical

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components and consequently requires close coordination with such allied trades. This section is responsible for ensuring correct installation procedures and results.

1.5 SUBMITTALS

- .1 Submit in accordance with section 01 33 00 Submittal Procedures.
- .2 Hardware List:
 - .1 Submit hardware list cross-referenced to specifications.
 - .2 Include manufacturer's specification sheets indicating name, model, material, function, finish, BHMA designations and other pertinent information.
- .3 Shop Drawings:
 - .1 Before any millwork work is fabricated, submit to the Architect, for review, shop drawings fully illustrating the millwork.
 - .2 Indicate materials, thicknesses, finishes and hardware.
 - .3 Provide product data for **ALL MATERIALS AND FINISHES**. Submit manufacturers standard product literature on accessories and hardware. Submit manufacturer's specifications, data, and installation instructions for each manufactured product.
 - .4 Indicate locations of service outlets in casework, typical and special installation conditions, and connections, attachments, anchorage and location of exposed fastenings.
 - .5 On casework elevations indicate the location of blocking and backing support required in wall assemblies for attachment.
 - .6 Indicate details of construction, profiles, jointing, fastening and other related details.
 - .7 Provide details as follows: profiles full size, details ½ full size. Indicate all materials, thicknesses, finishes and hardware. Indicate typical and special installation conditions, all connections, attachments, anchorage, and location of exposed fastenings. Indicate shop applied and site applied finishes for each component.
 - .8 Indicate details of wood trim. Indicate profiles of wood, jointing, fastening and other related details. Indicate all materials, thicknesses and finishes.
 - .9 Indicate cross sections and dimensions of all trim components. Indicate details of construction for all profiles, jointing, fastening and other related details. Indicate all materials, sizes, thicknesses and finishes.
 - .10 Indicate locations of service outlets in casework, typical and special installation conditions, and connections, attachments, anchorage and location of exposed fastenings.
 - .11 Indicate details for all cutouts in casework.
 - .12 Indicate location of removable service panels. Indicate how panels will be secured.
 - .13 Indicate installation details for all accessories and hardware items. Indicate how hardware will be installed. Indicate recesses, dadoes or modifications required to accommodate hardware.
 - .14 Submit complete fabrication drawings

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.4 Samples and Mock-ups:

- .1 Construct mock-ups in accordance with Section 01 33 00 – Submittal Procedures.
 - .1 Shop-prepare one base cabinet unit, wall cabinet, counter top for each specified type and material, shelving unit, complete with hardware and shop applied finishes, and install on project in designated location.
 - .2 Allow 48 hours for inspection of mock-up by Architect before proceeding with this work.
- .2 Submit samples of all millwork finishes
- .3 Apply finishes to boards 300 mm x 300 mm (12" x 12") in size.

1.6 QUALITY ASSURANCE

.1 Special experience requirements:

- .1 Manufacturer/Fabricator: architectural woodwork shall be manufactured by a firm having a minimum of 5 years experience on work of similar size and quality to that indicated and specified.
- .2 Installer qualifications: engage an installer who has successfully completed 2 architectural woodwork projects similar in scope, materials and design to this Project within the last 5 years.
- .3 Single-source manufacturing and Installation responsibility: Engage a qualified Manufacturer to assume undivided responsibility for woodwork specified in this section, including fabrication, finishing, and installation.
- .4 Works shall be in accordance with Grade or Grades specified of the AWS.
- .5 Convene pre-fabrication meeting during shop drawings fabrication for the project. Architect, Millwork manufacturer, and General Contractor to attend.

1.7 DELIVERY, STORAGE, AND HANDLING

- .1 Deliver, store and handle materials in accordance with section 01 61 00 Common Product Requirements and with manufacturer's written instructions.
- .2 Deliver wood casework only when area of work is enclosed, plaster and concrete is dry, and area is broom clean and site environmental conditions are acceptable for installation.
- .3 Protect millwork against dampness and damage during and after delivery.
- .4 Store millwork in ventilated areas, protected from extreme changes of temperature and humidity, and within range recommended by AWMAC NAAWS for location of project.
- .5 Store materials indoors in clean, dry, well-ventilated area.
- .6 Protect architectural woodwork and hardware from nicks, scratches, and blemishes.
- .7 Replace defective or damaged materials with new.

1.8 PROJECT CONDITIONS

- .1 Environmental conditions during installation: Obtain and comply with woodwork manufacturer's advice for optimum temperature and humidity conditions for woodwork during its storage and installation. Do not install woodwork until these conditions have been attained.

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- .2 Environmental conditions during service life of woodwork: Obtain and comply with woodwork manufacturer's advice for optimum temperature and humidity conditions for woodwork during its storage and installation. Do not install woodwork until these conditions have been attained.
- .3 Field Measurements: Where woodwork is indicated to be fitted to other construction, check actual dimension of other construction by accurate field measurements before manufacturing woodwork; show recorded measurements on final shop drawings. Coordinate manufacturing schedule with construction progress to avoid delays in the work.

1.9 WARRANTY

- .1 Provide written warranty for a period of two (2) years from date of Substantial Performance.

PART 2- PRODUCTS

2.1 LUMBER

- .1 Softwood lumber: With maximum moisture content of 7% for interior work, yard lumber select for clear varnish finish pine species, to AWMAC custom grade in accordance with following standards:
 - .1 CAN/CSA O141.
 - .2 NLGA Standard Grading Rules for Canadian Lumber.
 - .3 AWMAC custom grade, moisture content as specified.
- .2 Hardwood lumber: Kiln dried to a maximum average moisture content of 6-8% at time of fabrication. No knots, pinholes or other visible defects will be permitted. No finger jointed, or built-up or laminated lumber will be permitted, in accordance with following Standards
 - .1 National Hardwood Lumber Association (NHLA).
 - .2 AWMAC custom grade, moisture content as specified.

2.2 PANEL MATERIALS

- .1 Interior mat-formed wood particleboard: to ANSI/NPA A208.1, industrial grade M-2 or M-3, 800 kg/m³ density, thickness 19 mm for panels and 30 mm for countertops, unless indicated otherwise.
- .2 MDF (medium density fibreboard) core: to ANSI A208.2, density 769 kg/m³, standard grade, 19 mm thick unless noted otherwise.
 - .1 Use moisture resistant MR grade for installation in kitchens or other rooms with plumbing fixtures.
- .3 Douglas fir plywood (DFP): to CSA O121, standard construction.
- .4 Hardwood plywood: to ANSI/HPVA HP-1.
 - .1 Birch faced for clear varnish finish: all exposed faces shall be AA grade, rotary cut veneer, "uniform light".
 - .2 For counter tops with sinks and for backsplashes, provide Columbia Forest Products – PureBond Hardwood Veneer Core Plywood – 30 mm (1-1/4") thickness.
- .5 Canadian softwood plywood (CSP): to CSA O151, standard construction.
- .6 Poplar plywood (PP): to CSA O153, standard construction.
- .7 Hardwood: to CAN/CGSB-11.3.

ARCHITECTURAL WOODWORK

2.3 DECORATIVE OVERLAID COMPOSITE PANELS

- .1 Rigid thermoformable foil (RTF): Decorative overlay, heat and pressure laminated with suitable resin to thickness indicated.
 - .1 Thermoplastic film overlay: two-dimensional laminate (2DL) based on wood-grain pattern.
 - .2 Core: Medium density fibreboard (MDF), 19 mm thickness.
- .2 Overlay bonded to both faces where exposed two sides, and when panel material require surface on one side only, reverse side to be overlaid with a plain (buff) balancing sheet.

2.4 LAMINATED PLASTIC

- .1 Laminated Plastic for Flatwork:
 - .1 Refer to section 06 47 00 Plastic Laminate Finishing.
- .2 Thermofused Melamine: to NEMA LD3 Grade LPDL.
 - .1 High wear resistant thermofused melamine: equal or exceed 400 cycles (minimum standard for HPL abrasion test).
- .3 Edge finishing for doors, drawer fronts, shelves, gables and false front exposed edges:
 - .1 Laminated plastic to match face.
 - .2 For melamine panels, edges dadoed or saw kerfed to take plastic "T" moulding in width and colour to match face.

2.5 CASEWORK FABRICATION – GENERAL

- .1 Fabricate casework of specified core and surface finish materials to specified AWMAC NAAWS quality grade.
 - .1 Construction type: Frameless.
 - .2 Door-cabinet interface: Flush overlay.
- .2 Set nails and countersink screws apply plain wood filler to indentations, sand smooth and leave ready to receive finish.
- .3 Shop install cabinet hardware for doors, shelves and drawers. Recess shelf standards unless noted otherwise.
- .4 Shelving to cabinetwork to be adjustable unless noted otherwise.
- .5 Provide cutouts for plumbing fixtures, inserts, appliances, outlet boxes and other fixtures.
- .6 Shop assemble work for delivery to site in size easily handled and to ensure passage through building openings.
- .7 Obtain governing dimensions before fabricating items which are to accommodate or abut appliances, equipment and other materials.

2.6 LAMINATED PLASTIC CASEWORK FABRICATION

- .1 Do laminated plastic fabrication in compliance with NEMA LD3, Annex A and specified AWMAC NAAWS quality grade. Also refer to section 06 47 00 Plastic Laminate Finishing.
- .2 Ensure adjacent parts of continuous laminate work match in colour and pattern.

ARCHITECTURAL WOODWORK

- .3 Veneer laminated plastic to core material in accordance with adhesive manufacturer's instructions. Ensure core and laminate profiles coincide to provide continuous support and bond over entire surface. Use continuous lengths up to 2400 mm. Keep joints 600 mm from sink cutouts.
- .4 Form shaped profiles and bends as indicated, using postforming grade laminate to laminate manufacturer's instructions.
- .5 Use straight self-edging laminate strip for flatwork to cover exposed edge of core material. Chamfer exposed edges uniformly at approximately 20°. Do not mitre laminate edges.
- .6 Apply laminate backing sheet to reverse side of core of plastic laminate work.
- .7 Apply laminated plastic liner sheet to interior of cabinetry where indicated.

2.7 WOOD VENEER SURFACING

- .1 Apply wood veneer to specified core material in accordance with AWMAC NAAWS requirements for grade specified as follows.
- .2 Exposed exterior surfaces:
 - .1 Species: birch, AA grade, uniform light.
 - .2 Veneer slicing: rotary cut.
 - .3 Veneer leaf matching: book match.
 - .4 Door matching: pair matching.
 - .5 Drawer front matching: sequenced matching.
 - .6 End matching: architectural end match.
 - .7 Grain direction: vertical.
- .3 Edge finishing:
 - .1 Solid hardwood lumber moulding.

2.8 CABINET AND COUNTER CONSTRUCTION AND MISCELLANEOUS WOODWORK

- .1 Doors up to 750 mm wide:
 - .1 19 mm particleboard panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
- .2 Doors wider than 750 mm:
 - .1 As specified in section 08 14 16 Flush Wood Doors.
- .3 Shelves, Interior Gables, Tops and Bottoms of Upper Cabinets:
 - .1 Shelves: 19 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
 - .2 Interior Unexposed Gables: 19 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
 - .3 Tops of Upper Cabinets: 16 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 16 mm solid lumber edging at exposed edges.
 - .4 Bottom of Upper Cabinets: 16 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 16 mm solid lumber edging at exposed edges.

ARCHITECTURAL WOODWORK

- .5 Provide one gable/divider per door. Double up gables where two doors hinge from single location.
- .6 Fixed shelves shall be blind housed into gables. Adjustable shelves shall rest on clips on recessed pilaster strips.
- .7 Spacing of gables as per drawings.
- .8 Shelves over 900 mm in length shall receive 19 mm x 38 mm solid lumber edging at front and rear edges for strength. Shelving edge details shown on drawings are overruled by this requirement.
- .4 End Gables excluding Upper and Lower Cabinets:
 - .1 19 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
- .5 End Gables of Upper and Lower Cabinets:
 - .1 19 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
- .6 Drawers:
 - .1 Sides and backs: 12 mm plywood panel with wood veneer surface and clear varnish finish.
 - .2 Fronts: 19 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
 - .3 Bottoms:
 - .1 Up to 350 mm wide: 6 mm thick plywood with wood veneer surface and clear varnish finish.
 - .2 Over 350 mm wide: 12 mm thick plywood with wood veneer surface and clear varnish finish.
 - .3 Drawers shall slide on roller track specified in section 08 70 05.
 - .4 House backs into sides, sides into fronts, and bottoms into sides and fronts.
- .7 Backs (unless noted otherwise):
 - .1 13 mm plywood panel with wood veneer surface and clear varnish finish.
 - .2 Backs shall be rabbeted into sides, tops and bottoms. Provide additional blocking as required to prevent warping.
- .8 Open Exposed Shelving Units:
 - .1 Gables: 19 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
 - .2 Shelves: 19 mm plywood panel with wood veneer surface and clear varnish finish, with 6 mm x 19 mm solid lumber edging at exposed edges.
 - .3 Fixed shelves shall be blind housed into gables. Adjustable shelves shall rest on clips on recessed pilaster strips.
 - .4 Spacing of gables as detailed on drawings.
 - .5 Shelves over 900 mm in length shall receive 19 mm x 38 mm solid lumber edging at front and rear edges for strength.

ARCHITECTURAL WOODWORK

.9 Supports and Framing:

- .1 Cabinets set on floor shall have wood bases and shall be secured to floor and walls.
- .2 Wall-mounted cabinets shall be hung on steel angle clips (inside cabinet) or continuous 19 x 38 mm wood strips, top and bottom (inside cabinet), as required for secure support.
- .3 Support framing of counter units by using 19 x 38 mm lumber.

.10 Countertops:

- .1 30 mm particleboard with plastic laminate finish.
- .2 Back Splashes and Side Splashes: at locations shown on drawings, 19 mm particleboard with plastic laminate finish. Provide sealant between splash and countertop, wall and adjacent splash.
- .3 For countertops with sinks and associated splashes, provide Purebond Hardwood Veneer Core Plywood by Columbia Forest Products.

.11 Open shelving in Concierge 202

- .1 19 mm plywood panel with wood veneer surface and clear varnish finish, with 19 mm x 38 mm solid lumber edging at exposed edges.

.12 Retractable Stage Opening Panels

- .1 Fabricate to details indicated on drawings.
- .2 Clear varnish finish.

.13 Cabinets in Daycare and Kindergarten Activity Rooms 129, 131, 132, 133, 139 and 140 (Except Vestiaires)

.1 Countertops:

- .1 Countertops: 30 mm, Purebond Hardwood Veneer Core Plywood by Columbia Forest Products, with plastic laminate finish.
- .2 Backsplash and sidesplash: 19 mm, Purebond Hardwood Veneer Core Plywood by Columbia Forest Products, with plastic laminate finish.

.2 Cabinet Doors: Decorative overlaid composite panels with Thermally Fused Laminate (TFL).

.3 Drawers:

- .1 Fronts: Decorative overlaid composite panels with Thermally Fused Laminate (TFL) surfaces.
- .2 Sides and Backs: 12 mm thick MDF panels with Melamine surfaces.
- .3 Bottoms:
 - .1 Up to 350 mm wide: 6 mm thick MDF panels with Melamine surfaces.
 - .2 Over 350 mm wide: 12 mm thick MDF panels with Melamine surfaces.
 - .3 Drawers shall slide on roller track specified in section 08 70 05.
 - .4 House backs into sides, sides into fronts, and bottoms into sides and fronts.

.4 Shelves: 19 mm plywood panel with laminated plastic finish.

.5 End Gables: Decorative overlaid composite panels with Thermally Fused Laminate (TFL).

.6 Interior Unexposed Gables: 19 mm MR MDF panels with Melamine surfaces.

ARCHITECTURAL WOODWORK

.14 Cabinets in Kitchens (Rooms 135C and 137)

- .1 Countertops:
 - .1 Countertops: 30 mm, Purebond Hardwood Veneer Core Plywood by Columbia Forest Products, with plastic laminate finish.
 - .2 Backsplash and sidesplash: 19 mm, Purebond Hardwood Veneer Core Plywood by Columbia Forest Products, with plastic laminate finish.
- .2 Cabinet Doors: 19 mm plywood panel with laminated plastic finish.
- .3 Drawers:
 - .1 Fronts: 19 mm plywood panel with laminated plastic finish.
 - .2 Sides and Backs: 12 mm thick MDF panels with Melamine surfaces.
 - .3 Bottoms:
 - .1 Up to 350 mm wide: 6 mm thick MDF panels with Melamine surfaces.
 - .2 Over 350 mm wide: 12 mm thick MDF panels with Melamine surfaces.
 - .3 Drawers shall slide on roller track specified in section 08 70 05.
 - .4 House backs into sides, sides into fronts, and bottoms into sides and fronts.
- .4 Shelves: 19 mm plywood panel with laminated plastic finish.
- .5 End Gables: 19 mm plywood panel with laminated plastic finish.
- .6 Interior Unexposed Gables: 19 mm MR MDF panels with Melamine surfaces.

2.9 SHOP APPLIED FINISH COATINGS

- .1 Except where noted otherwise, wood veneer surfaces shall be finished as follow and in accordance with section 09 91 23:
 - .1 Clear varnish, spray application.
 - .2 Lightly sand base and intermediate coats.

2.10 CABINET HARDWARE AND LOCKS

- .1 Refer to section 06 41 93 Cabinet and Miscellaneous Hardware.

2.11 ACCESSORIES

- .1 Wood screws: stainless steel, type and size to suit application.
- .2 Nails and staples: to CSA B111 and ASTM F1667.
- .3 Splines: wood.
- .4 Sealant: in accordance with section 07 92 00 - Joint Sealants.
- .5 Cork Tackboard: 12.7 mm (1/2") thick natural cork tackboard for display cases: laminated over 6 mm minimum plywood backing.
- .6 Plastic Tote Trays: In Gym Storage Rooms, the tote bins shall be heavy duty, roto-moulded, high-density polyethylene. Sizes as noted on details. Trays shall have rolled over tops and covers. Units shall be equal to AKRO-MILS Nest & stack Tote 35230 as distributed by Ak-West Inc., grey colour.

ARCHITECTURAL WOODWORK

- .7 P.A. System Cabinet: Transfer vent grilles as manufactured by E.H. Price, extruded aluminum, model STG1-BF.
- .8 Plexiglass: Dividers for mailboxes shall be 6 mm thick plexiglass. Edges shall be planed and sanded. Colour shall be black.
- .9 Paper Towel Dispensers (PTD) and Soap Dispensers (SD): as specified in Section 10 28 10 Toilet and Bath Accessories.

PART 3- EXECUTION

3.1 EXAMINATION

- .1 Verification of Conditions: verify conditions of substrates previously installed under other Sections are acceptable for architectural woodwork installation in accordance with manufacturer's instructions.
 - .1 Visually inspect substrate.
 - .2 Inform Consultant of unacceptable conditions immediately upon discovery.
 - .3 Proceed with installation only after unacceptable conditions have been remedied.

3.2 INSTALLATION

- .1 Install architectural wood casework in accordance with AWMAC NAAWS grade for respective items.
- .2 In case of conflict between contract documents and AWMAC NAAWS grade requirements, contract documents govern.
- .3 Install prefinished millwork at locations shown on drawings.
 - .1 Position accurately, level, plumb straight.
- .4 Fasten and anchor millwork securely.
 - .1 Supply and install heavy duty fixture attachments for wall mounted cabinets.
- .5 Countersink mechanical fasteners at exposed and semi-exposed surfaces, excluding installation attachment screws and screws securing cabinets end to end.
- .6 Use draw bolts in countertop joints.
- .7 Scribe and cut as required to fit abutting walls and to fit properly into recesses and to accommodate piping, columns, fixtures, outlets or other projecting, intersecting or penetrating objects.
- .8 At junction of plastic laminate counter back splash and adjacent wall finish, apply small bead of sealant in accordance with section 07 92 00 Joint Sealants.
- .9 Apply moisture barrier between wood framing members and masonry or cementitious construction.
- .10 Fit hardware accurately and securely in accordance with manufacturer's written instructions.
- .11 Make cutouts for inset equipment and fixtures using templates provided.

3.3 CLEANING

- .1 Progress Cleaning: clean in accordance with section 01 74 11 Cleaning.
 - .1 Leave Work area clean at end of each day.

ARCHITECTURAL WOODWORK

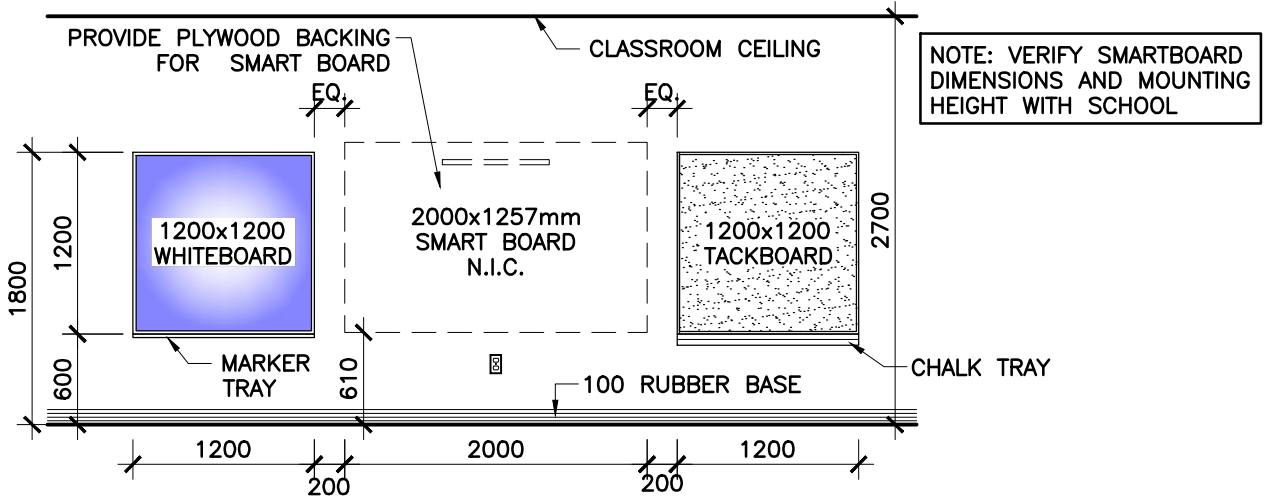
- .2 Final Cleaning: upon completion, remove surplus materials, rubbish, tools and equipment in accordance with section 01 74 11 Cleaning.
 - .1 Clean millwork and cabinet work inside cupboards and drawers and outside surfaces.
 - .2 Remove excess glue, pencil and ink marks from surfaces.

3.4 PROTECTION

- .1 Protect millwork and cabinet work from damage until final inspection.
- .2 Protect installed products and components from damage during construction.
- .3 Repair damage to adjacent materials caused by architectural woodwork installation.
- .4 Leave work to be site finished ready for finishing.

MILLWORK DETAILS PAGES 13 THROUGH 82 FOLLOW THIS SECTION

ARCHITECTURAL WOODWORK

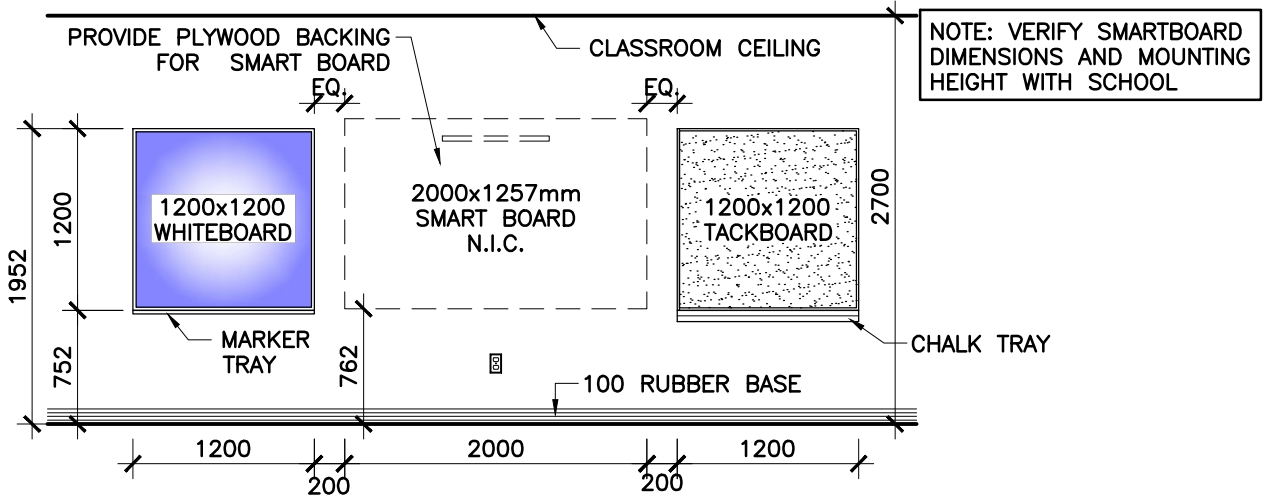


ROOMS 129, 131, 132, 133

E01
 TYP.

TYPICAL TACKBOARD AT SMARTBOARD - PAJE

1:50



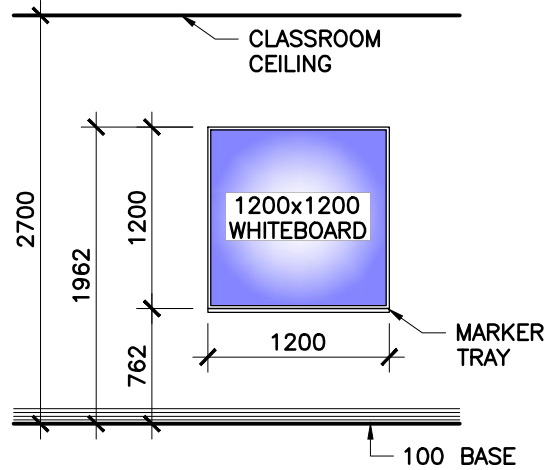
ROOMS 108, 203, 204, 208, 210, 211, 213, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224

E02
 TYP.

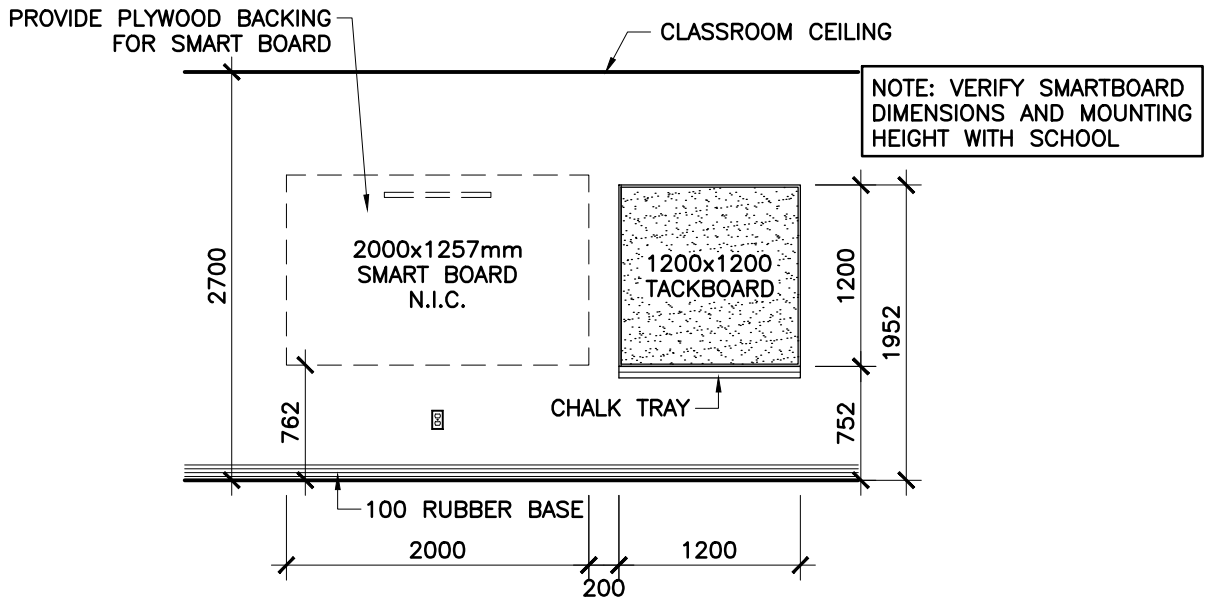
TYPICAL TACKBOARD AT SMARTBOARD - CLASSROOMS

1:50

ARCHITECTURAL WOODWORK

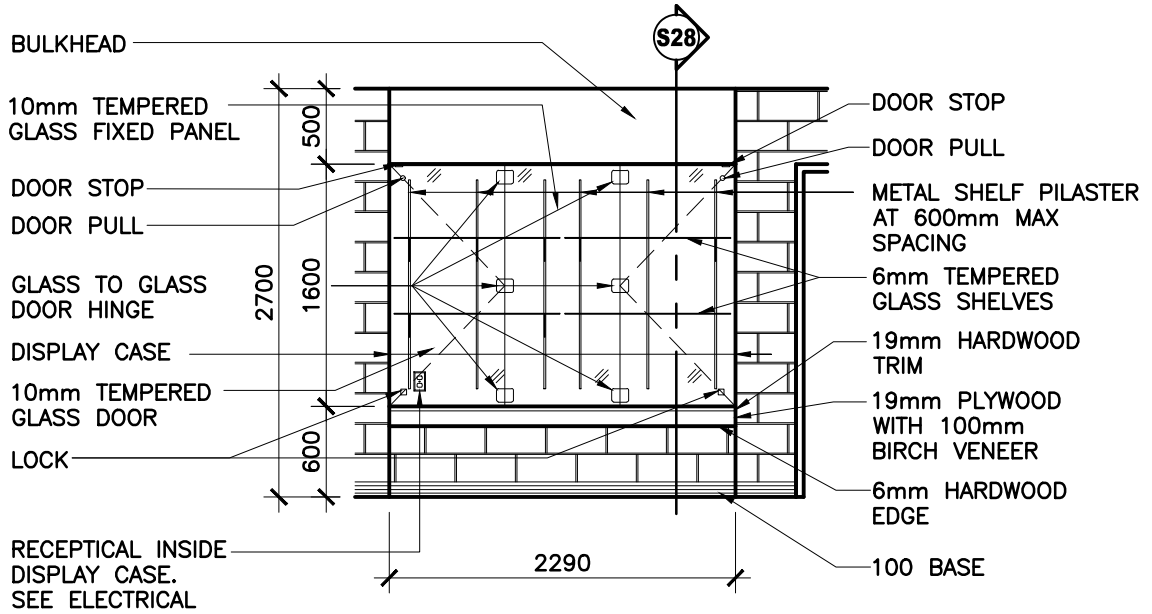


E03 ROOM 107A
WHITEBOARD
1:50



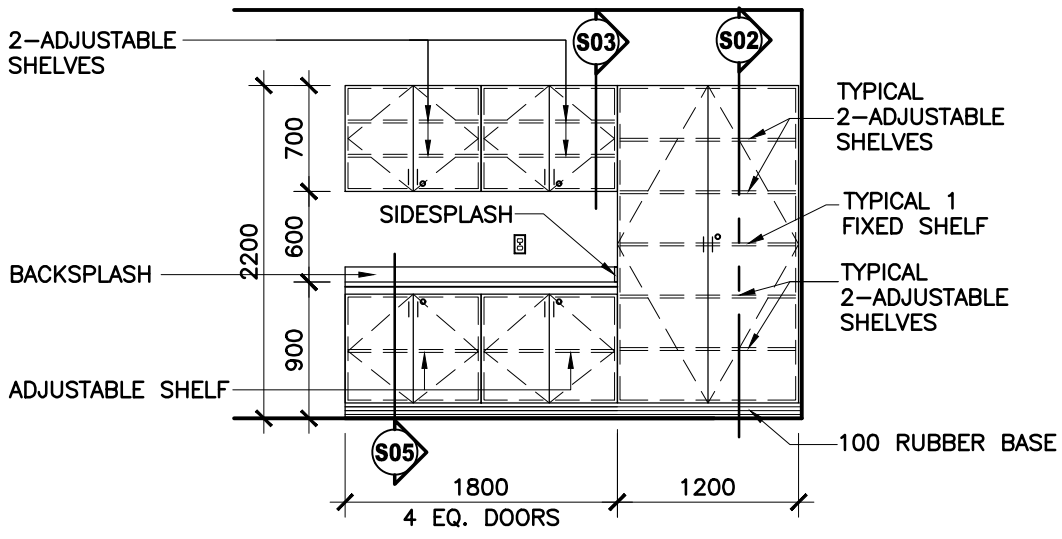
E04 ROOM 107
TACKBOARD AT SMARTBOARD - APPOINT
1:50

ARCHITECTURAL WOODWORK



CORRIDOR C100

E05 **CORRIDOR DISPLAY CASE**
 1:50

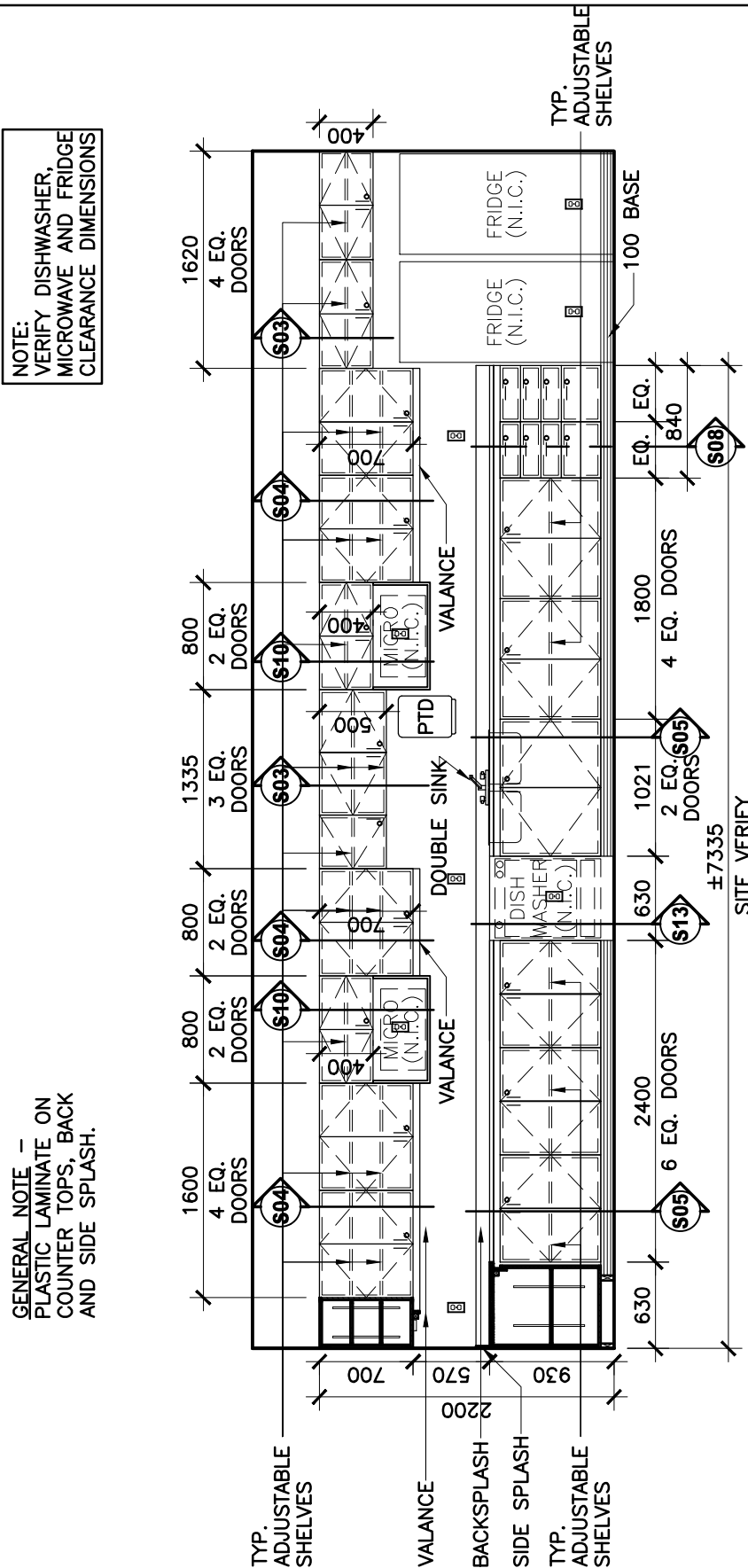


ROOMS 108, 203, 211, 215, 216, 218, 219, 220, 221

E06 **TYP. COUNTER AND CABINETS**
 1:50

MIRROR THIS ELEVATION IN ROOMS 211, 216, 218 AND 221

ARCHITECTURAL WOODWORK

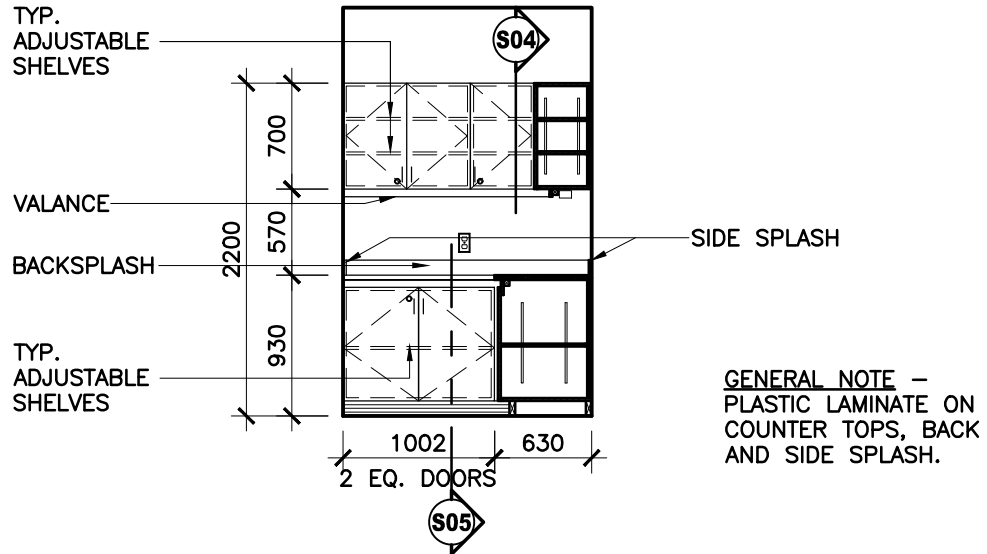


ROOM 102
SALON DU PERSONNEL KITCHEN COUNTER

1:50



ARCHITECTURAL WOODWORK

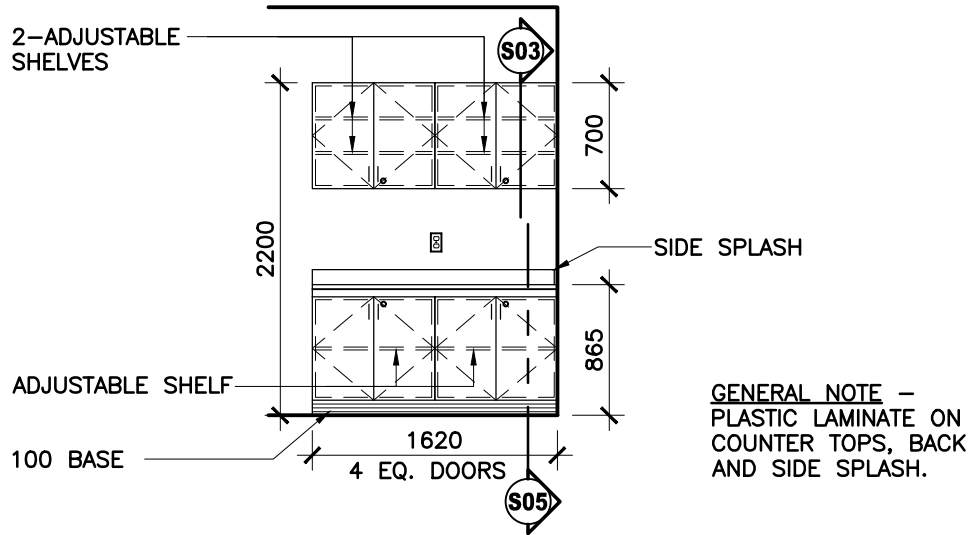


ROOM 102

E08

SALON DU PERSONNEL KITCHEN COUNTER - EAST ELEV.

1:50



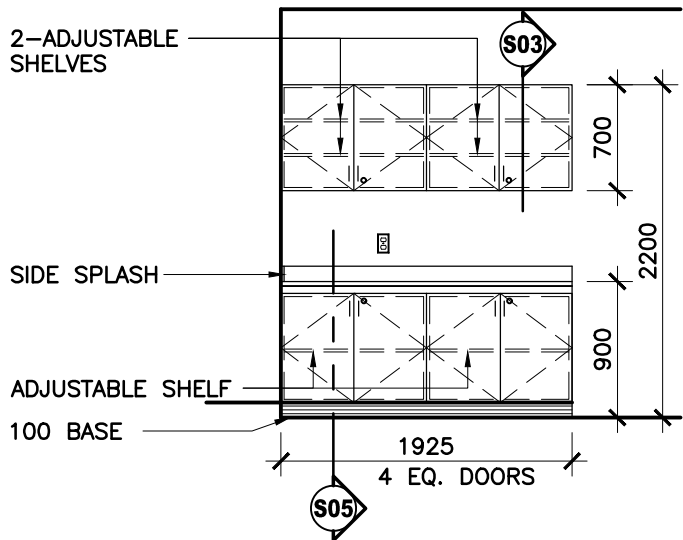
CORRIDOR C102

E09

CORRIDOR CABINETS

1:50

ARCHITECTURAL WOODWORK



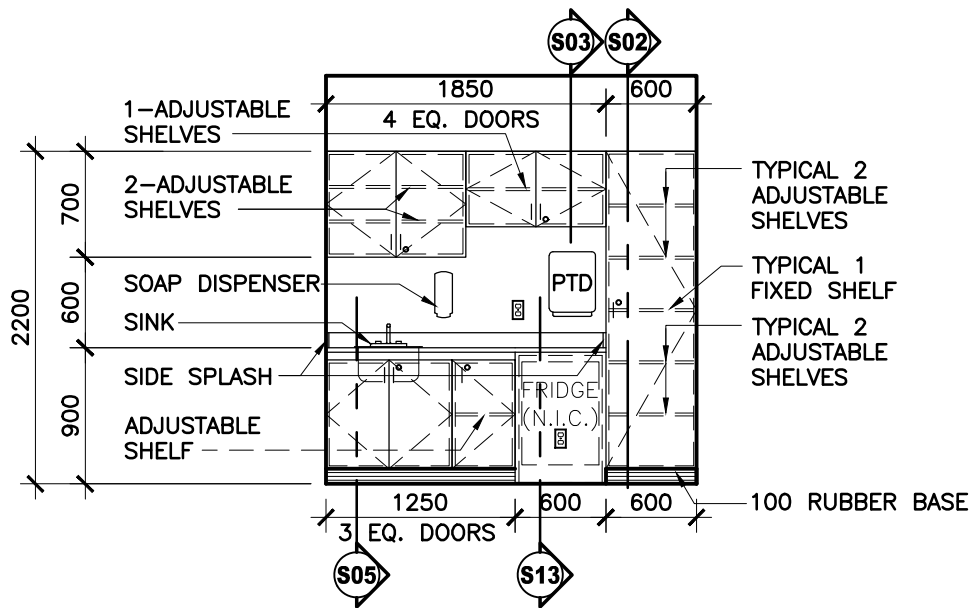
GENERAL NOTE -
 PLASTIC LAMINATE ON
 COUNTER TOPS, BACK
 AND SIDE SPLASH.

CORRIDOR C101

E10

CORRIDOR COUNTER

1:50



GENERAL NOTE -
 PLASTIC LAMINATE ON
 COUNTER TOPS, BACK
 AND SIDE SPLASH.

NOTE:
 VERIFY FRIDGE
 CLEARANCE DIMENSIONS

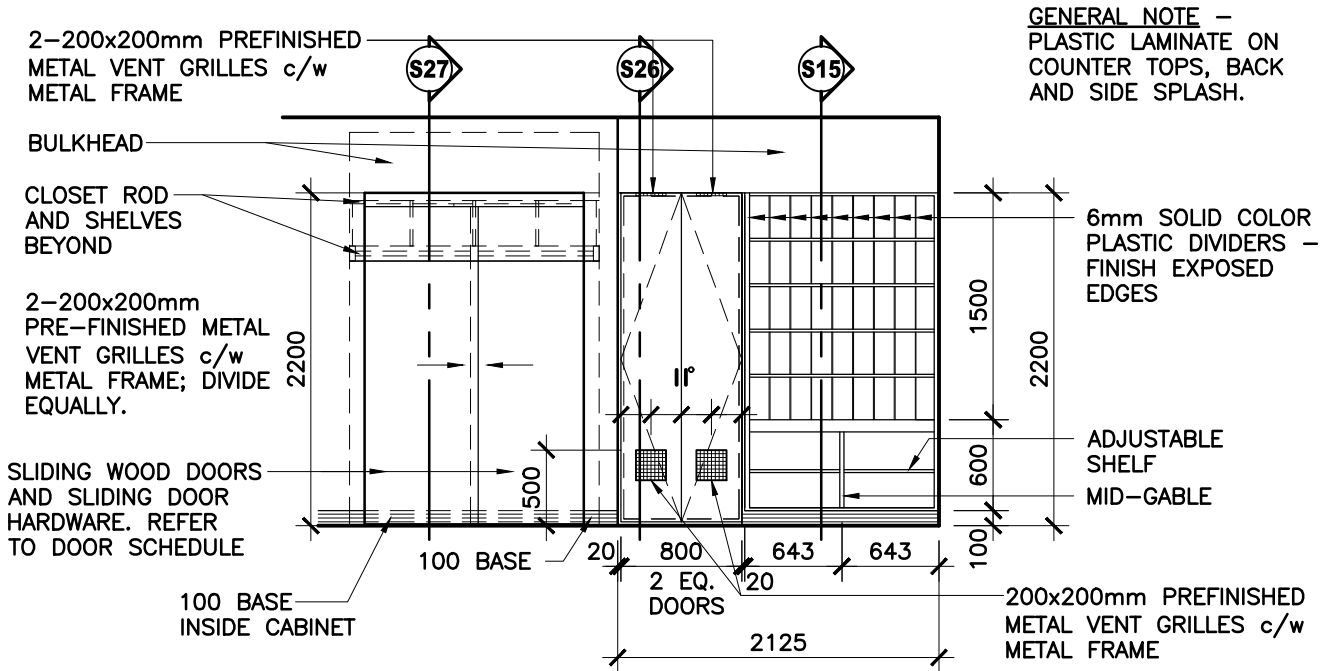
ROOM 100B

E11

INFIRMERIE COUNTER AND CABINET

1:50

ARCHITECTURAL WOODWORK

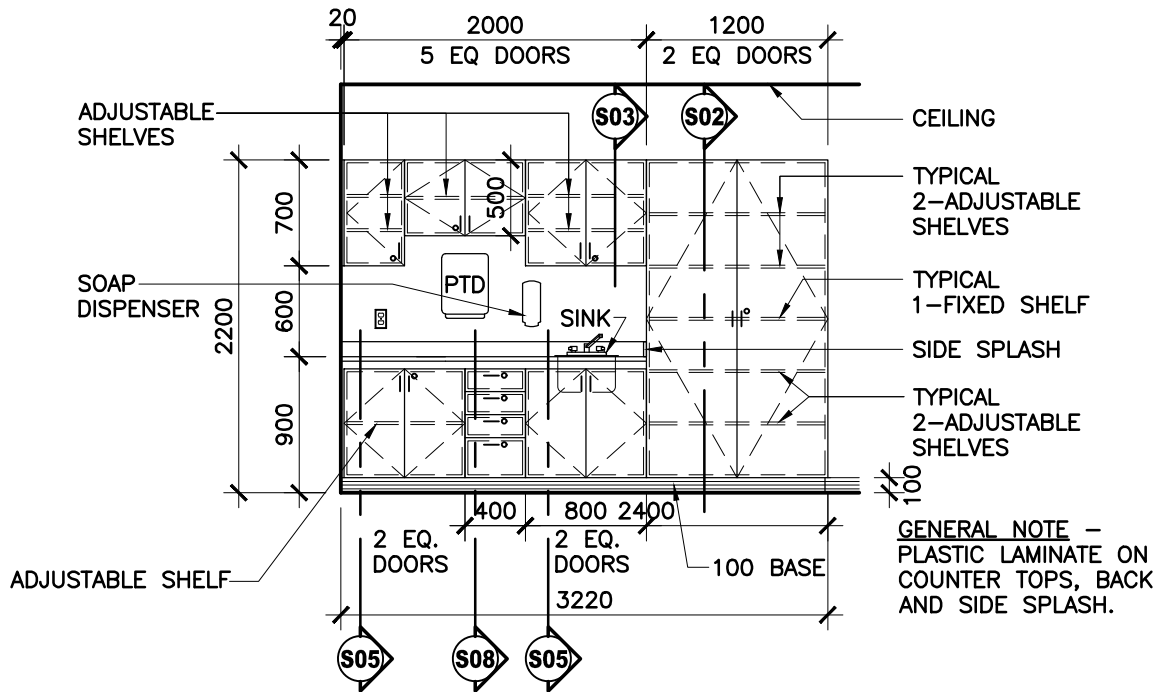


CORRIDOR C102

E12

CORRIDOR MAIL SLOT AND CLOSET

1:50



ROOMS 129, 131, 132, 133

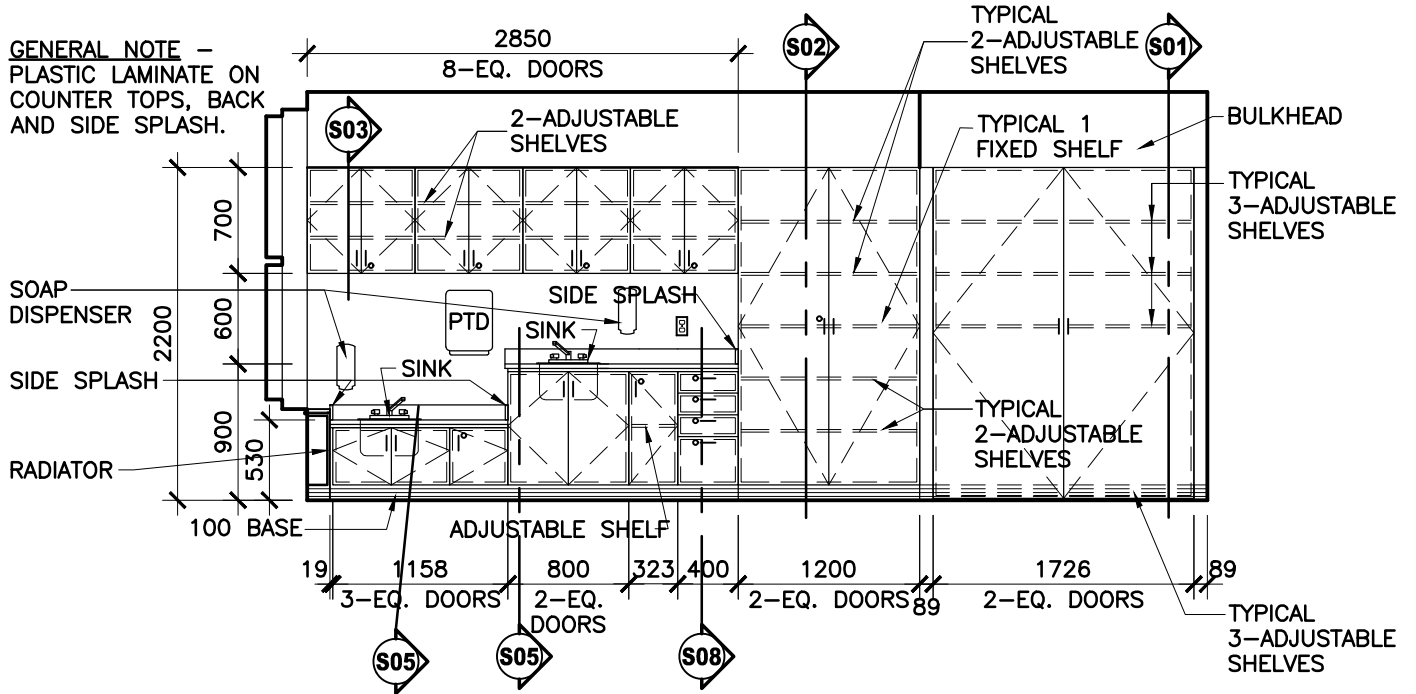
E13

TYP. PAJE COUNTER AND STORAGE CABINET

1:50

MIRROR THIS ELEVATION FOR ROOMS 129 AND 133

ARCHITECTURAL WOODWORK

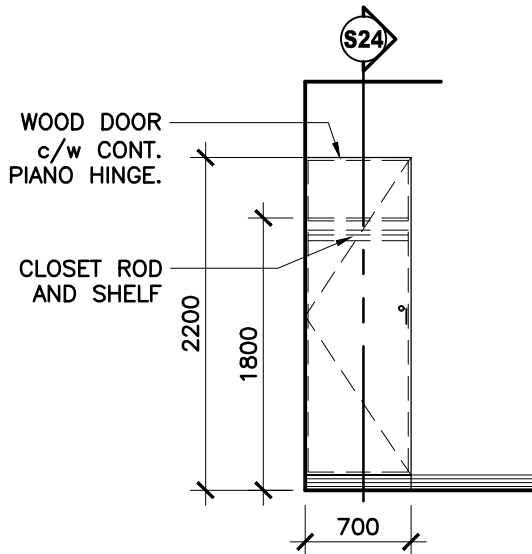


ROOM 139

E14

DAYCARE STORAGE AND SINK UNITS

1:50



GENERAL NOTE -
 PLASTIC LAMINATE
 ON COUNTER TOP
 AND ALL SIDES.

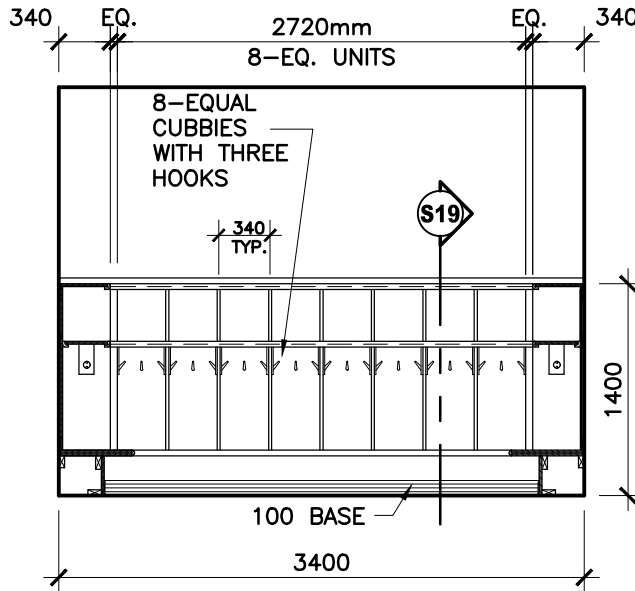
ROOM 139

E15

DAYCARE CLOSET CABINET

1:50

ARCHITECTURAL WOODWORK

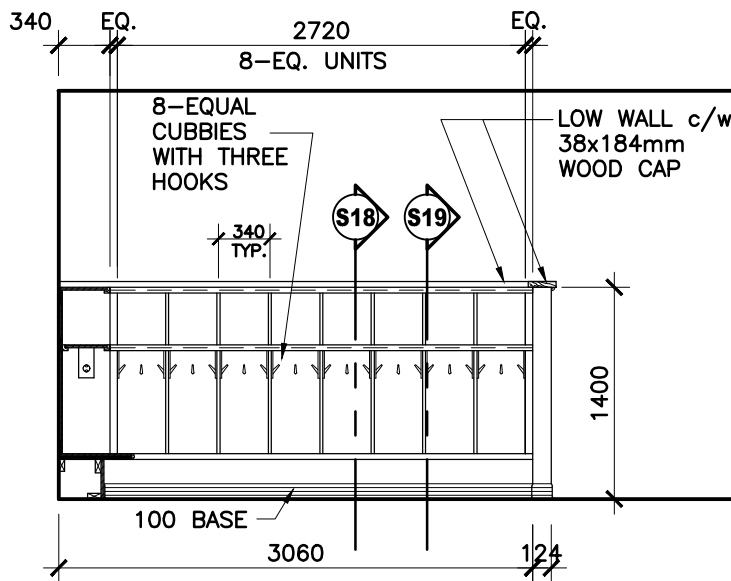


ROOMS 139A AND 140A

E16

VESTIAIRE CUBBIES

1:50



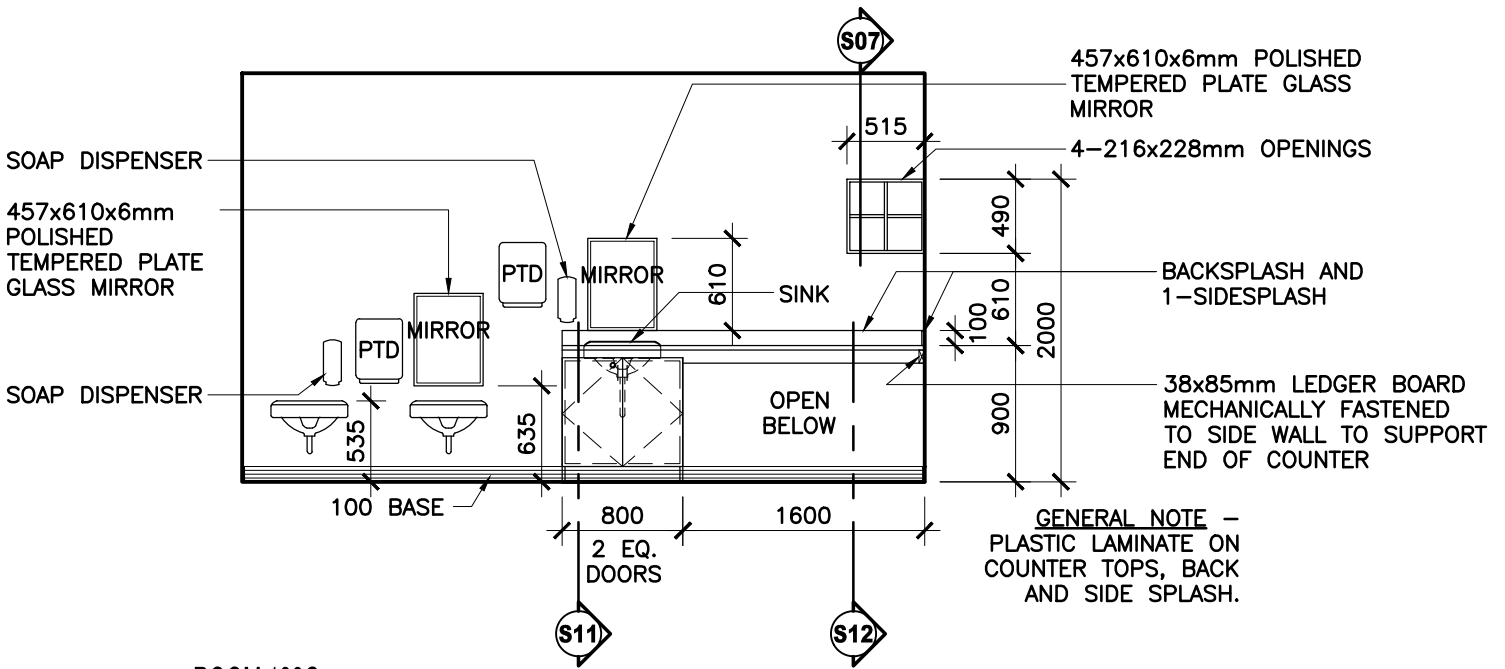
ROOMS 129B, 131B, 133B, 139A

E17

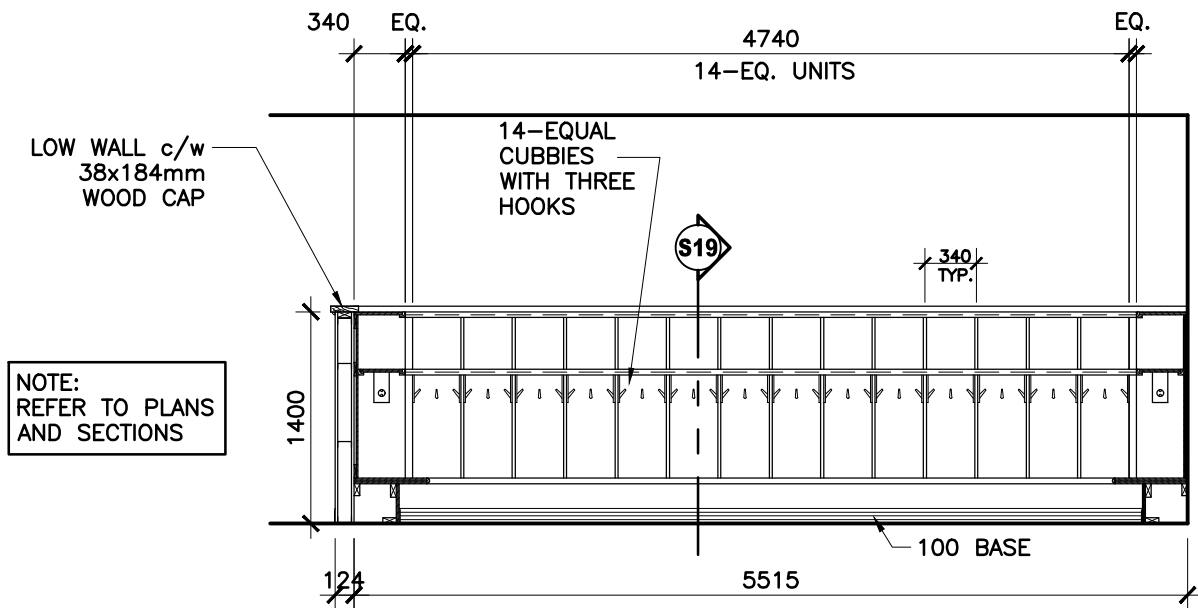
VESTIAIRE CUBBIES

1:50

ARCHITECTURAL WOODWORK



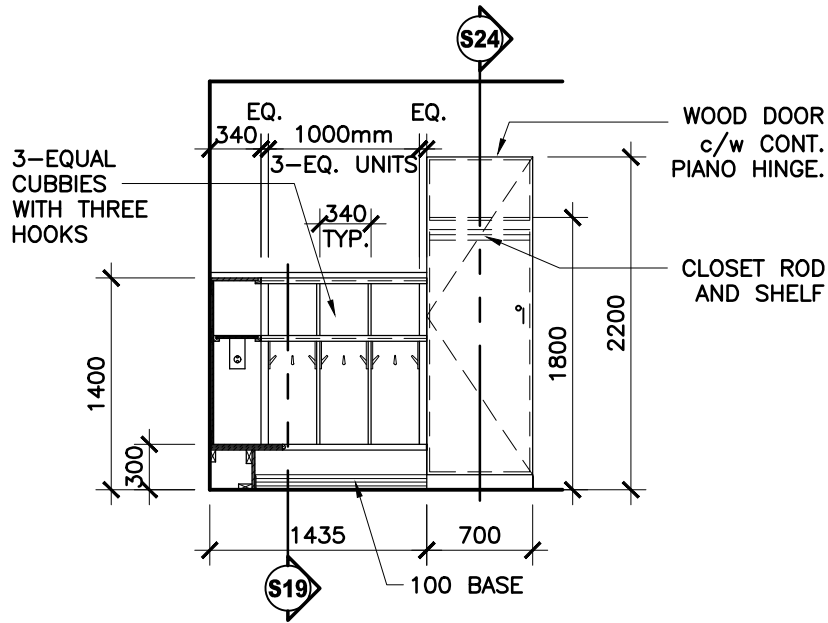
ROOM 139C
E18 TOILETTES
 1:50



ROOMS 129B, 131B, 133B
E19 VESTIAIRE CUBBIES
 1:50

MIRROR THIS ELEVATION FOR ROOMS 129B AND 133B

ARCHITECTURAL WOODWORK

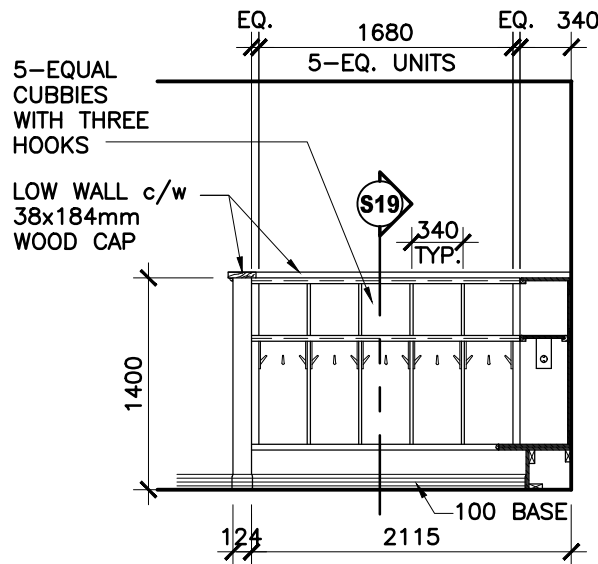


ROOM 140A

E20

VESTIAIRE WITH CLOSET CABINET

1:50



GENERAL NOTE -
 PLASTIC LAMINATE
 ON COUNTER TOP
 AND ALL SIDES.

NOTE:
 REFER TO PLANS
 AND SECTIONS

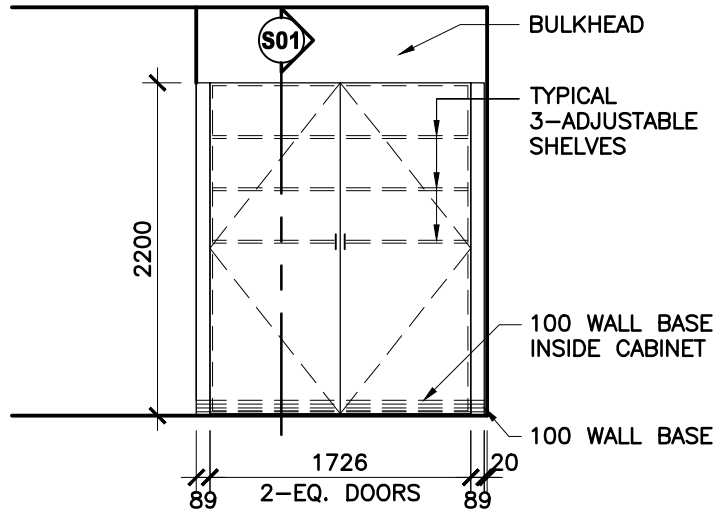
ROOM 140A

E21

VESTIAIRE

1:50

ARCHITECTURAL WOODWORK

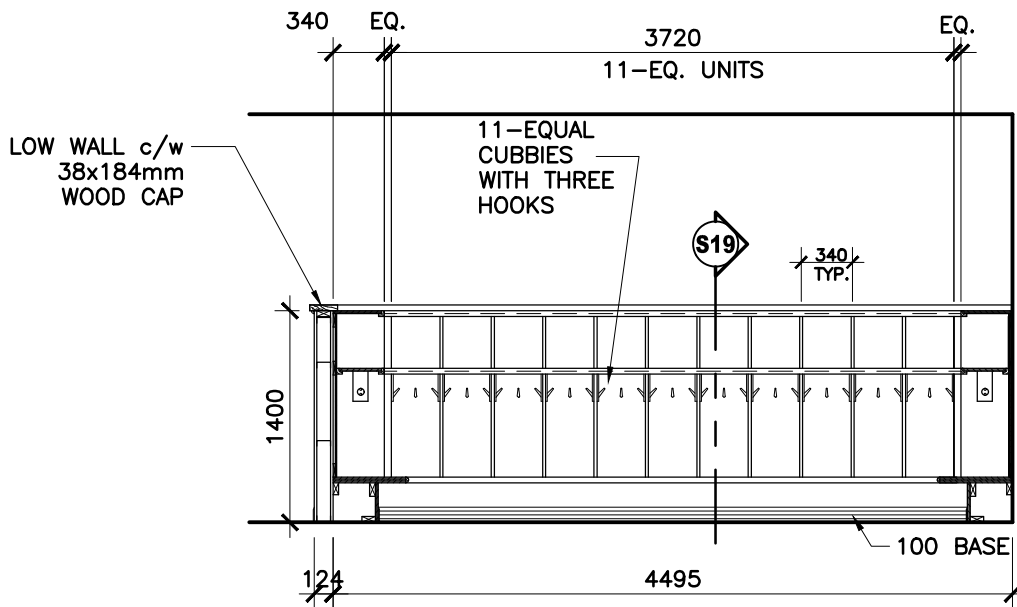


ROOM 140A

E22

COT STORAGE CABINET

1:50



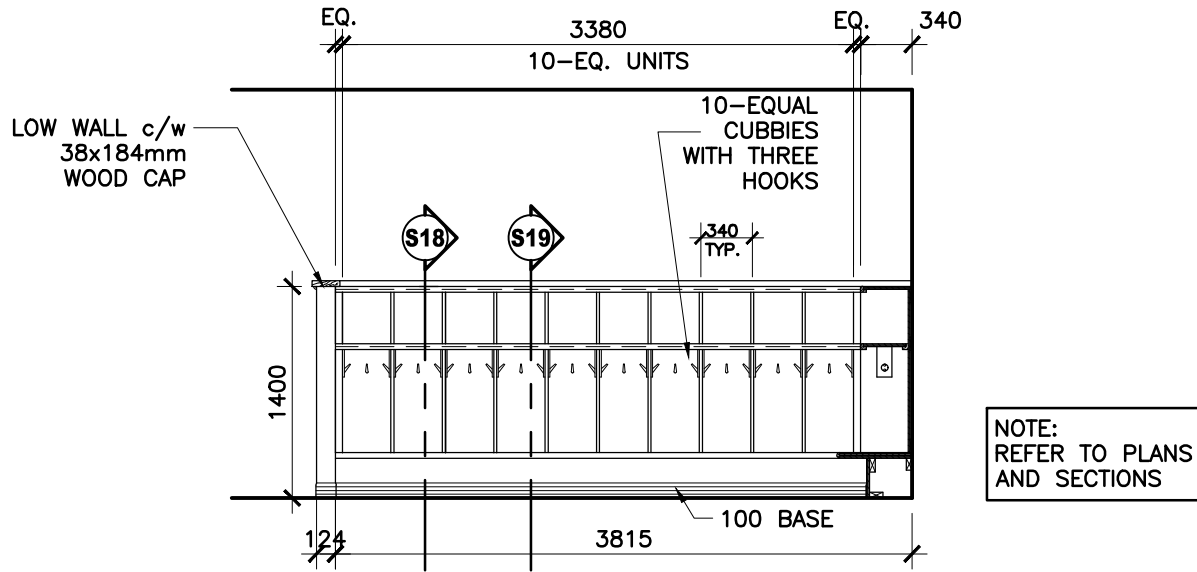
ROOM 132B

E23

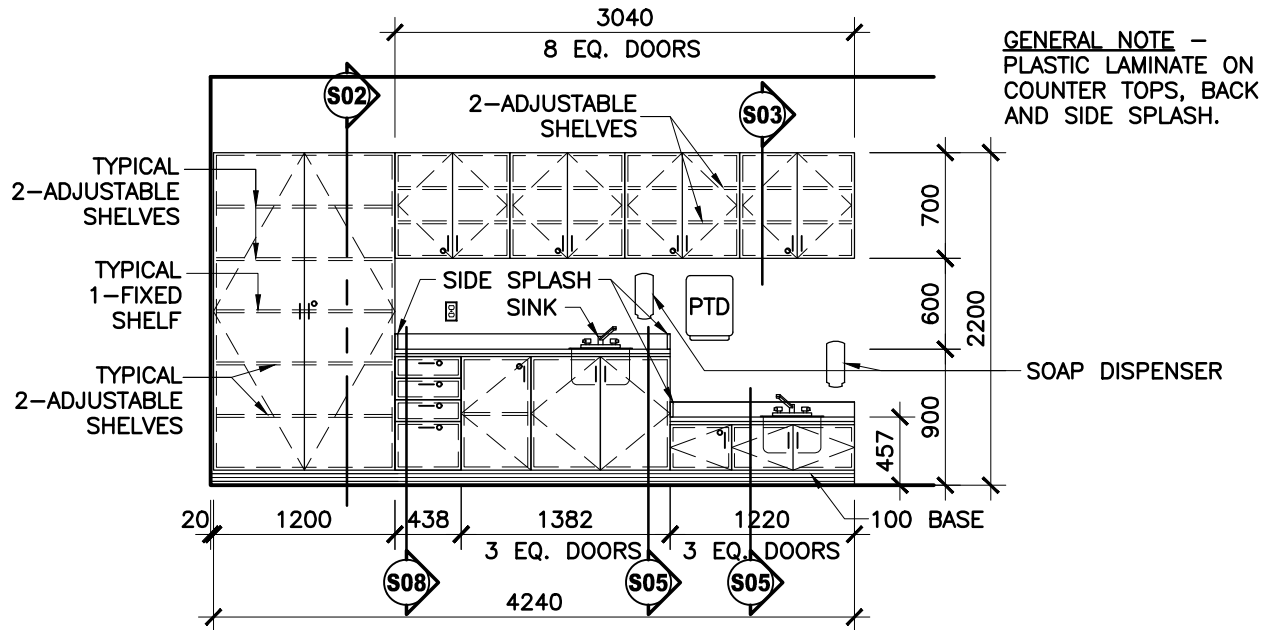
VESTIAIRE CUBBIES

1:50

ARCHITECTURAL WOODWORK

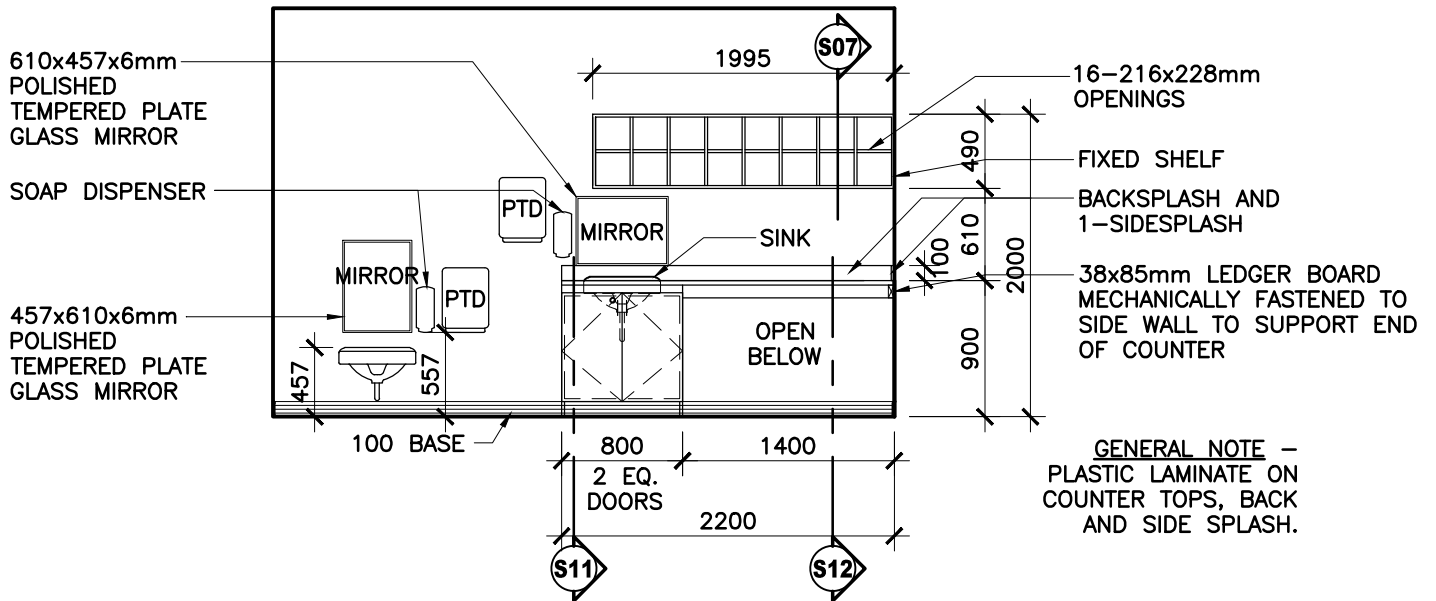


E24 ROOM 132B
VESTIAIRE CUBBIES
 1:50



E25 ROOM 140
DAYCARE STORAGE AND SINK UNITS
 1:50

ARCHITECTURAL WOODWORK

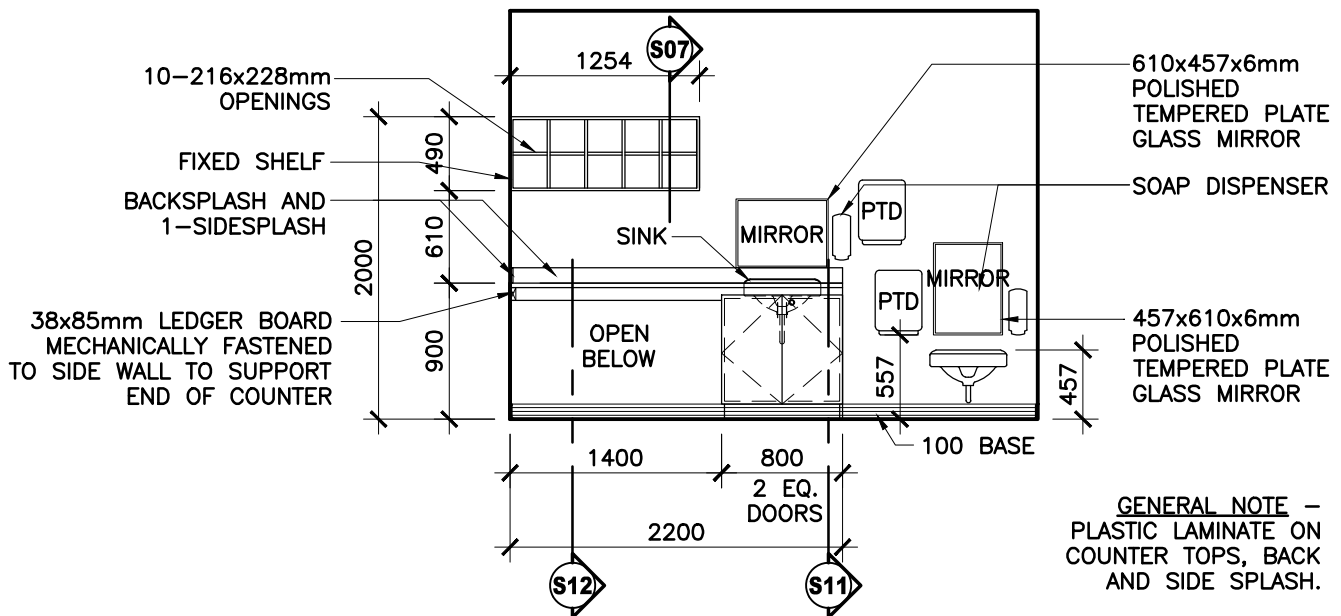


ROOM 140B

E26

TOILETTES BAMBINS

1:50



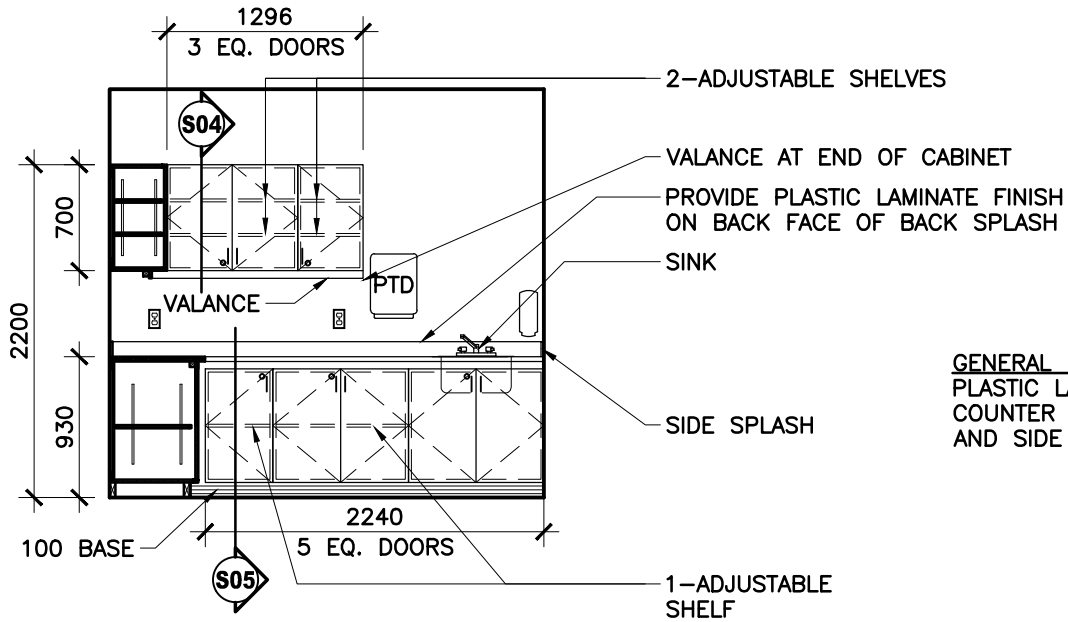
ROOM 135B

E27

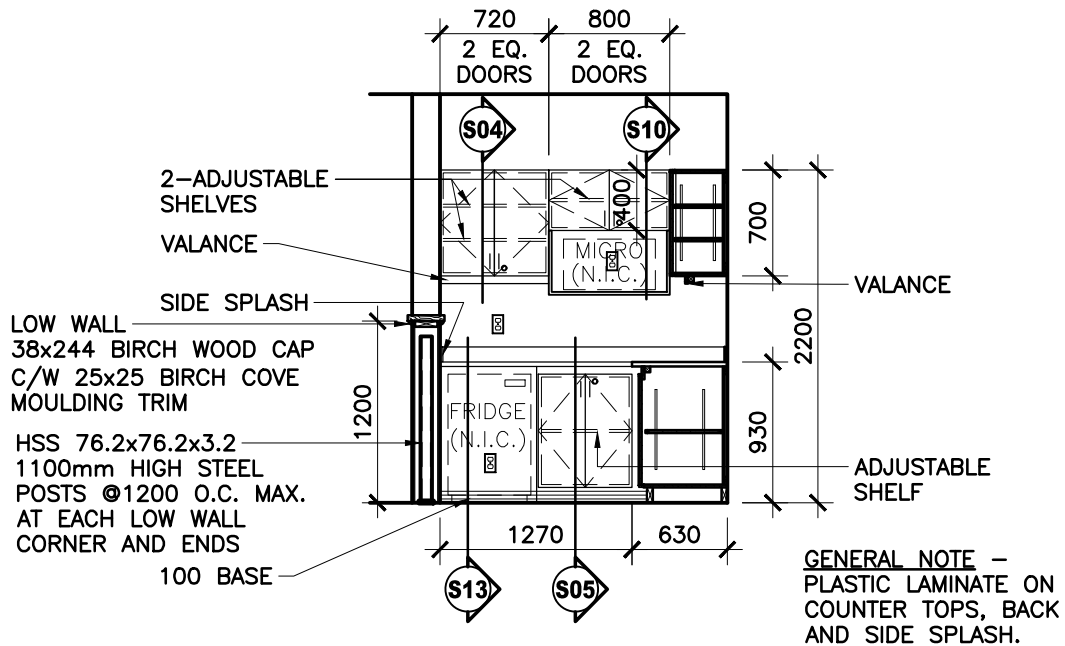
TOILETTES POUPONS

1:50

ARCHITECTURAL WOODWORK

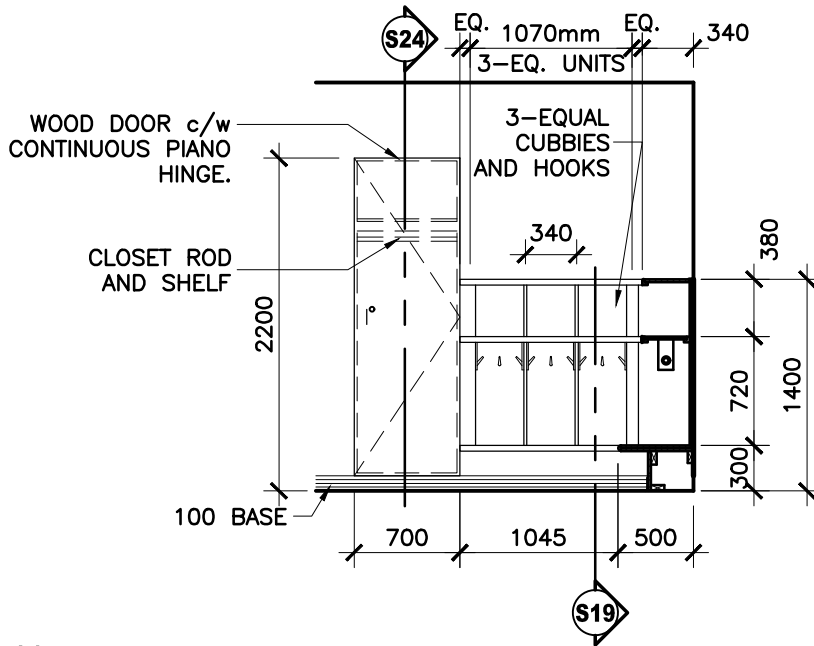


E28
 ROOM 135C
CUISINETTE
 1:50



E29
 ROOM 135C
CUISINETTE
 1:50

ARCHITECTURAL WOODWORK

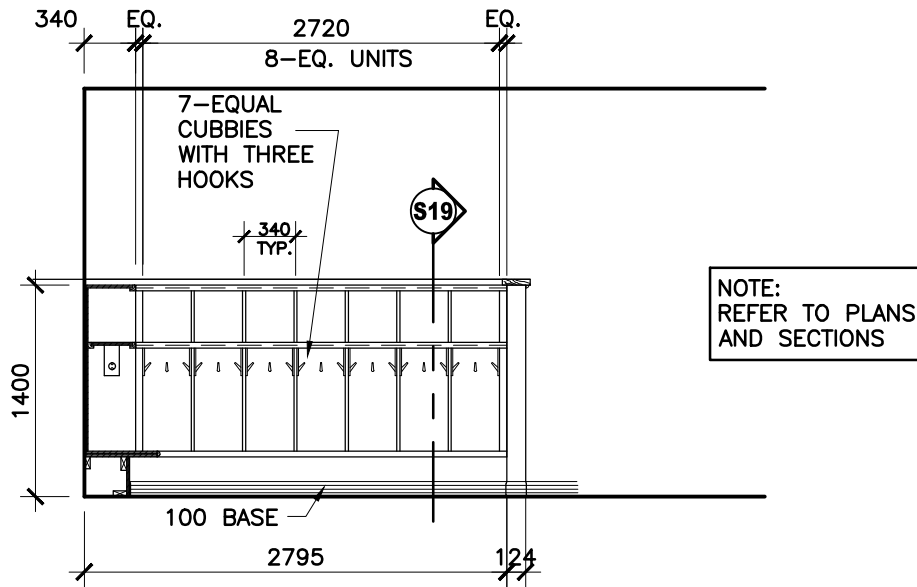


ROOM 135

E30

DAYCARE CUBBIES WITH STORAGE

1:50



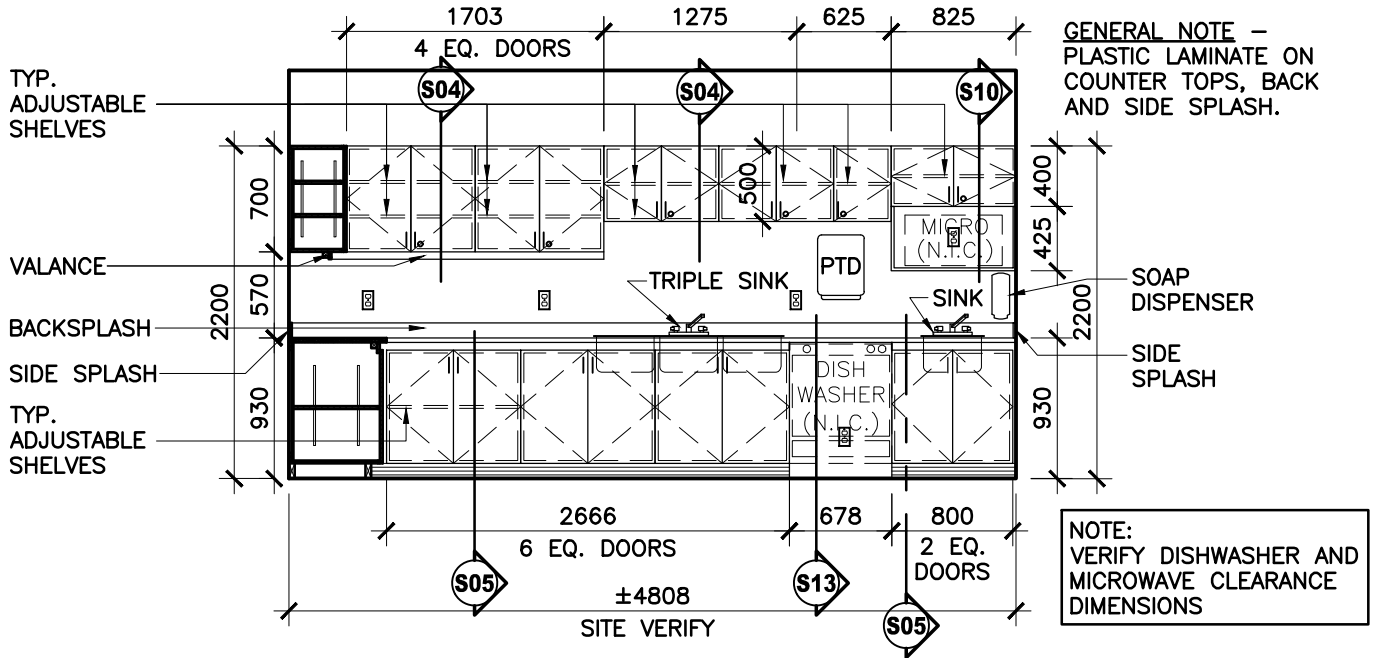
ROOM 135

E31

DAYCARE CUBBIES

1:50

ARCHITECTURAL WOODWORK

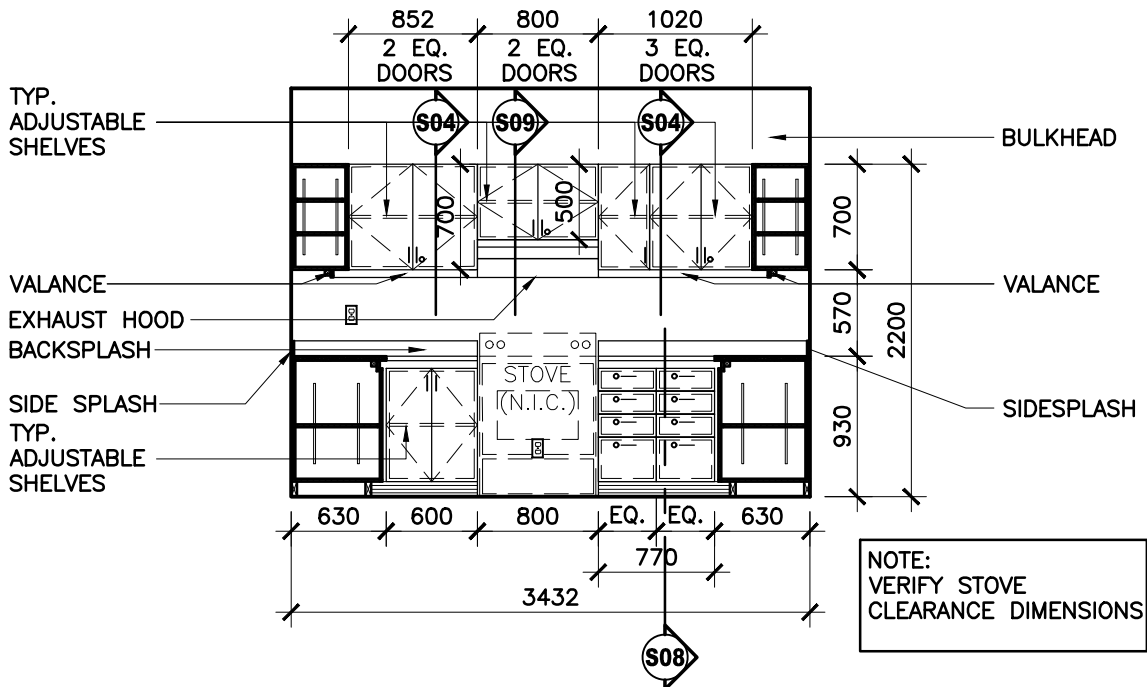


ROOM 137

E32

CUISINE COUNTER - NORTH ELEV.

1:50



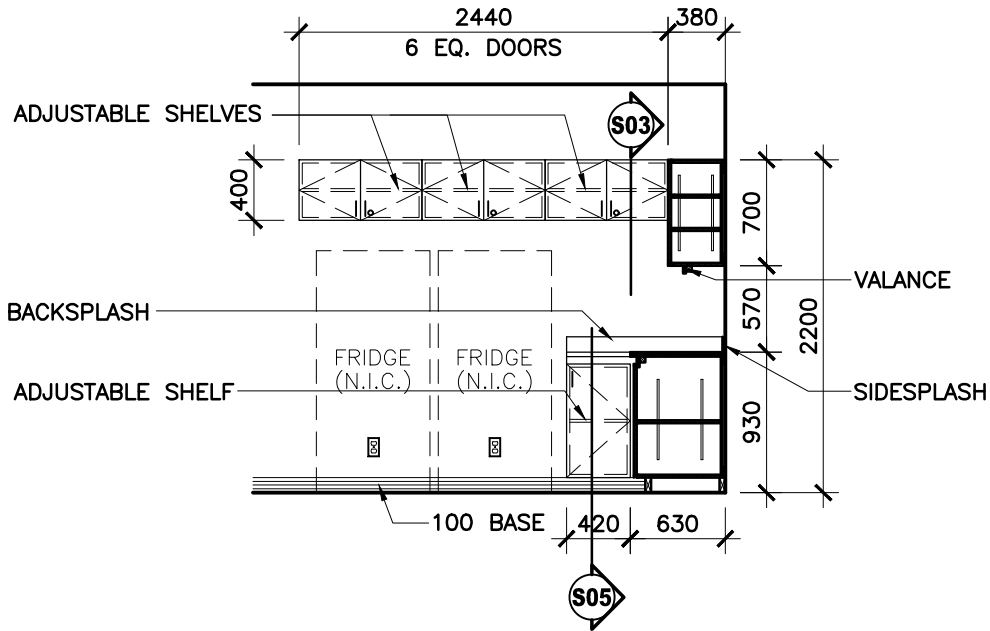
ROOM 137

E33

CUISINE COUNTER - WEST ELEV.

1:50

ARCHITECTURAL WOODWORK

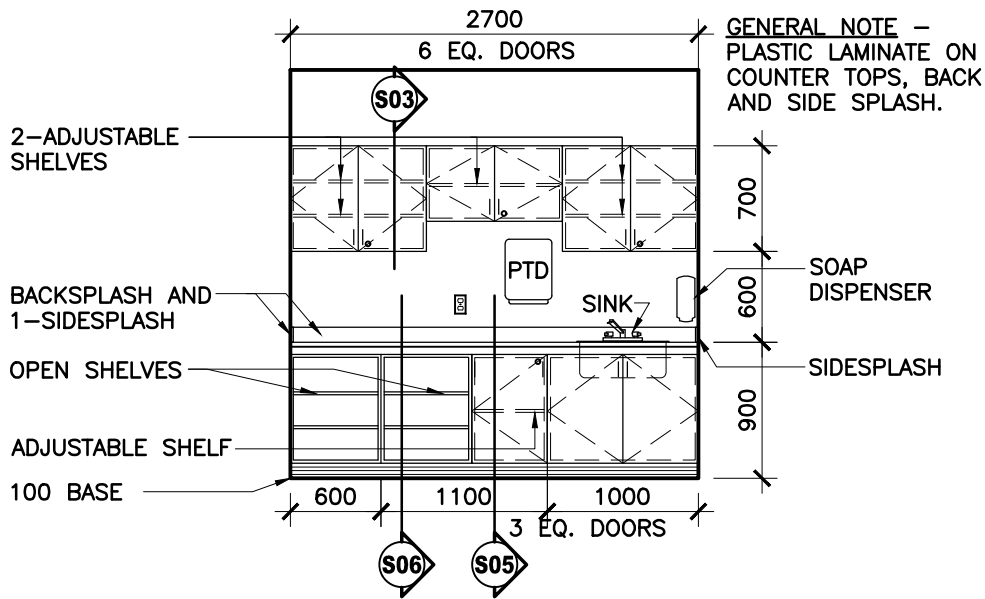


ROOM 137

E34

CUISINE COUNTER & UPPER STORAGE CABINETS

1:50



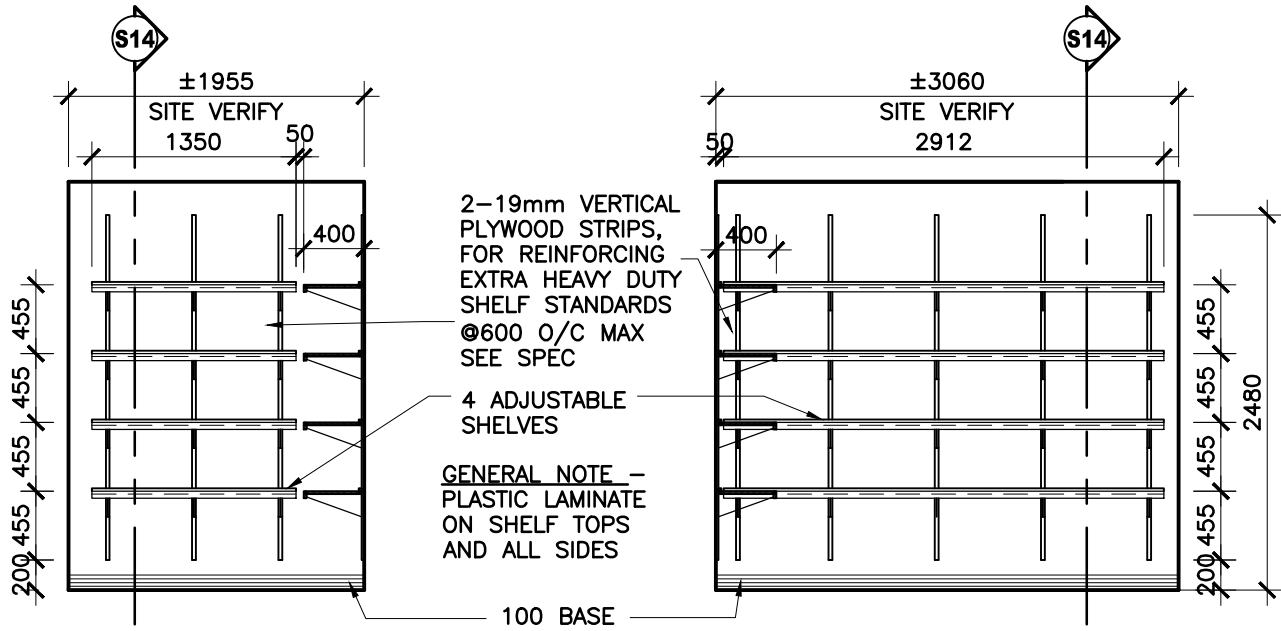
ROOM 136

E35

BUANDERIE COUNTER

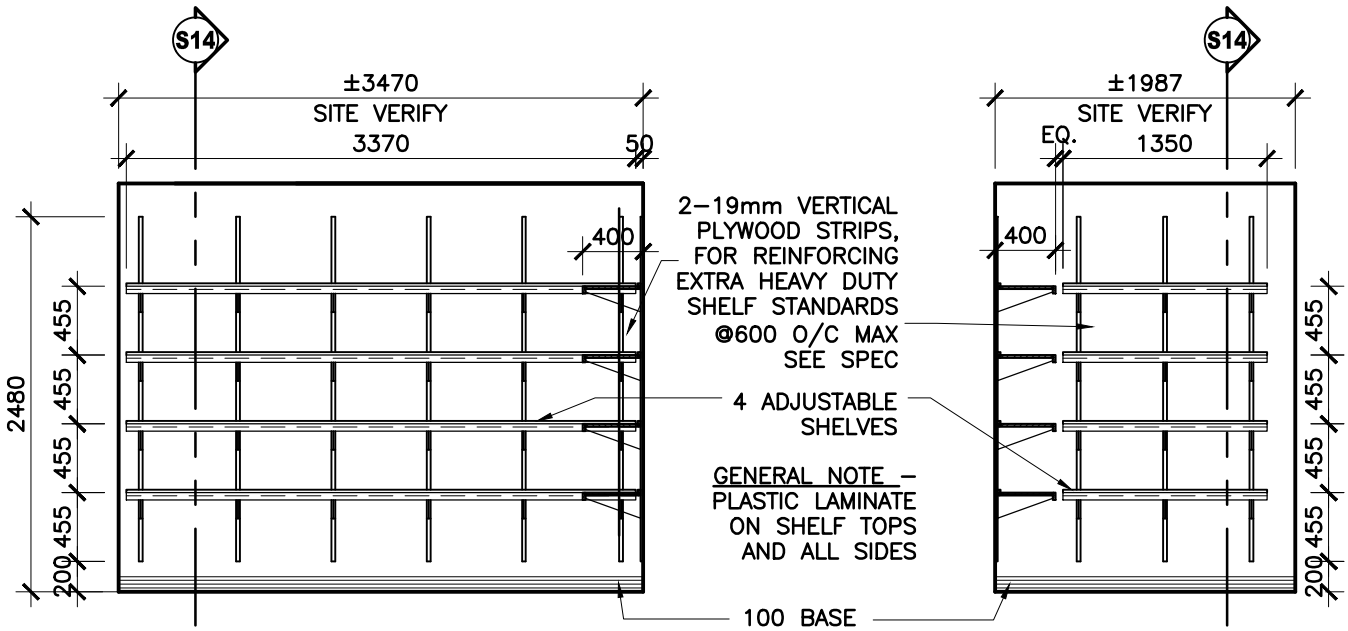
1:50

ARCHITECTURAL WOODWORK



ROOM 139B

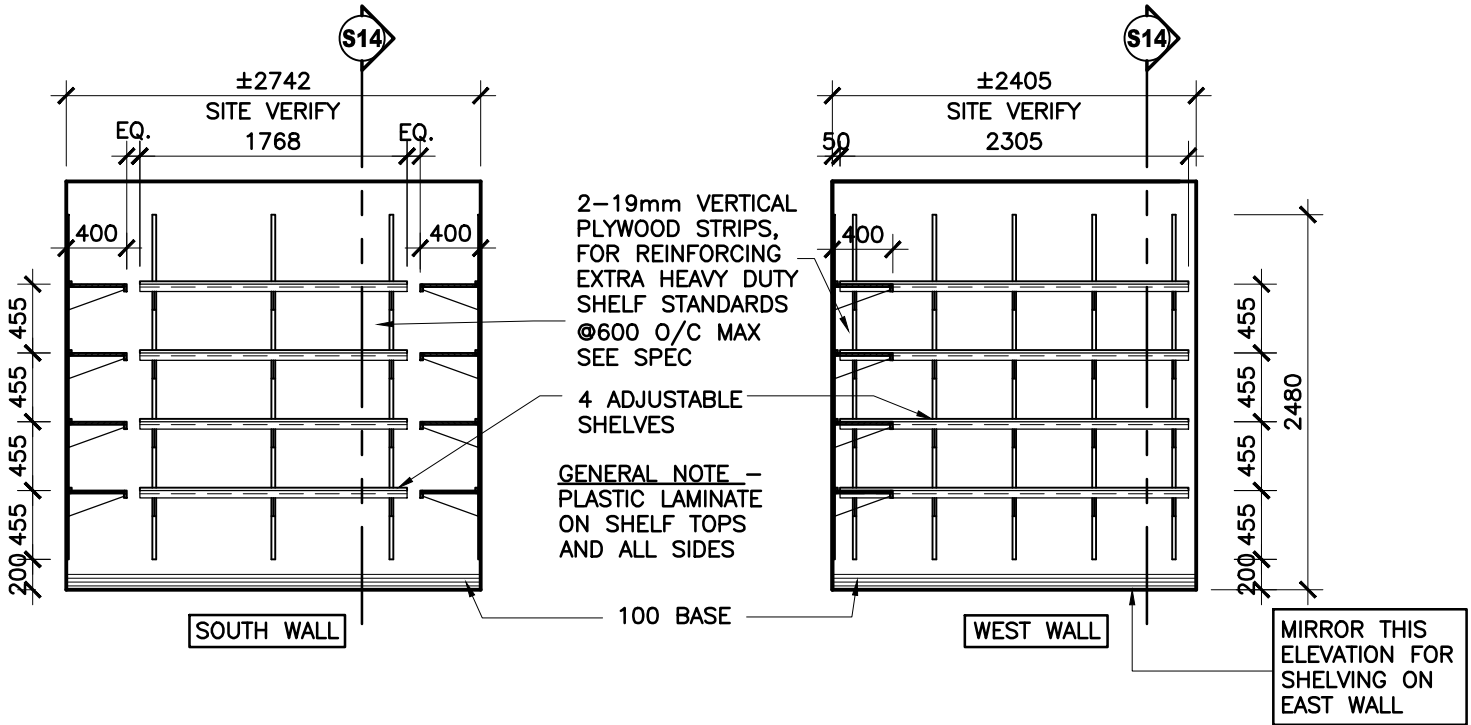
E38 ENTREPÔT SHELVING
 1:50



ROOM 140C

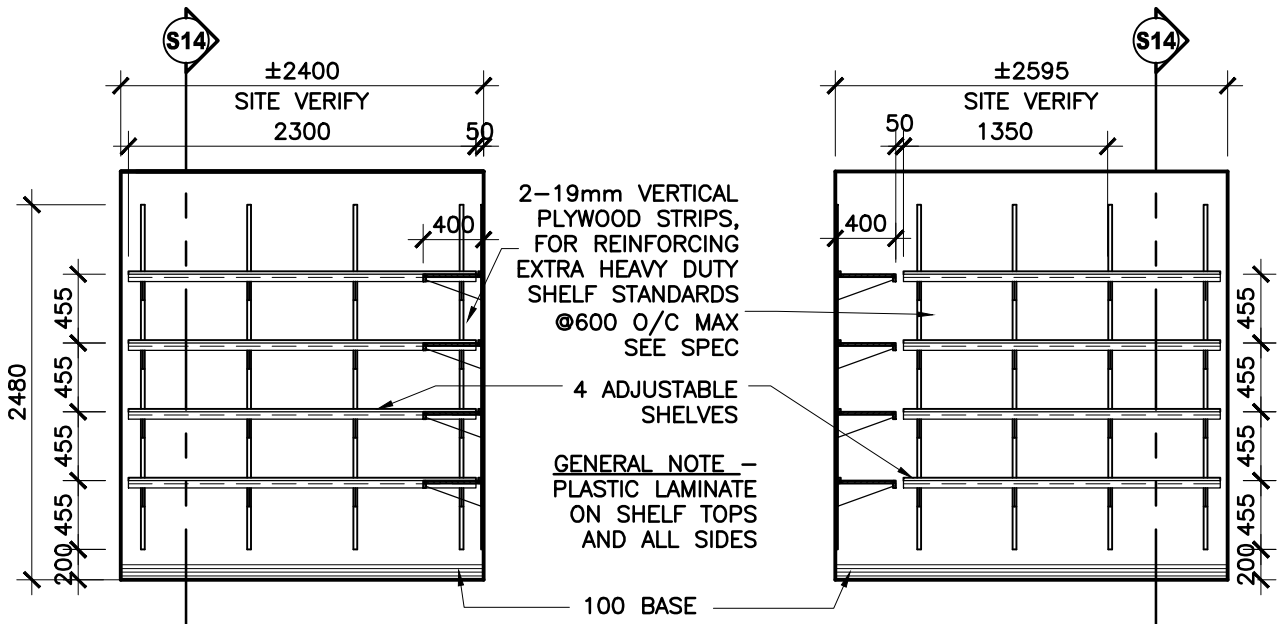
E39 ENTREPÔT SHELVING
 1:50

ARCHITECTURAL WOODWORK



ROOM 100F

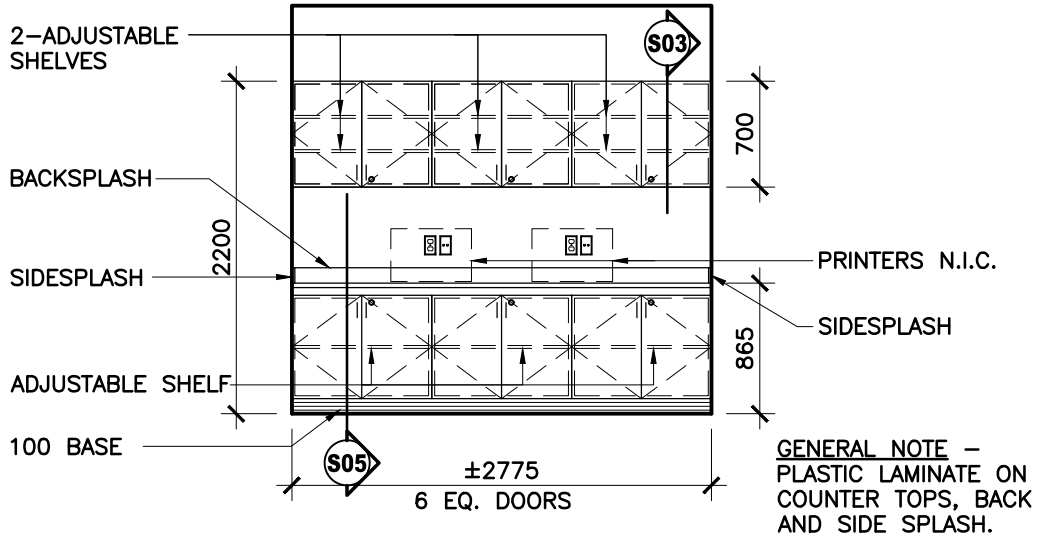
E40 ENTREPÔT SHELVING
 1:50



ROOM 135A

E41 ENTREPÔT SHELVING
 1:50

ARCHITECTURAL WOODWORK

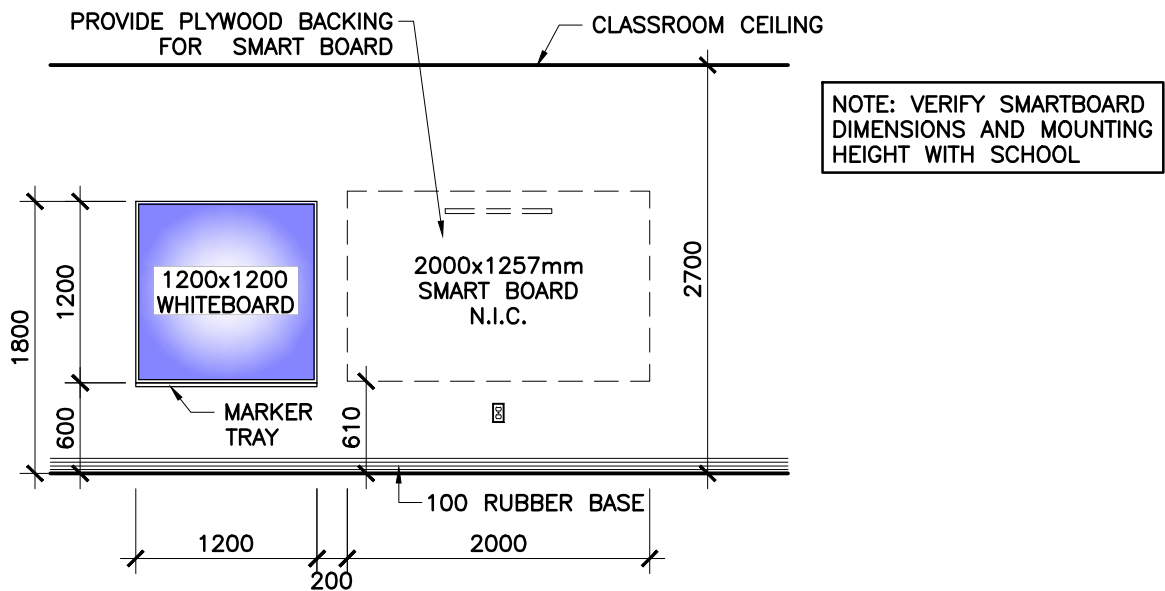


CORRIDOR C101

E42

CORRIDOR PRINTING COUNTER

1:50



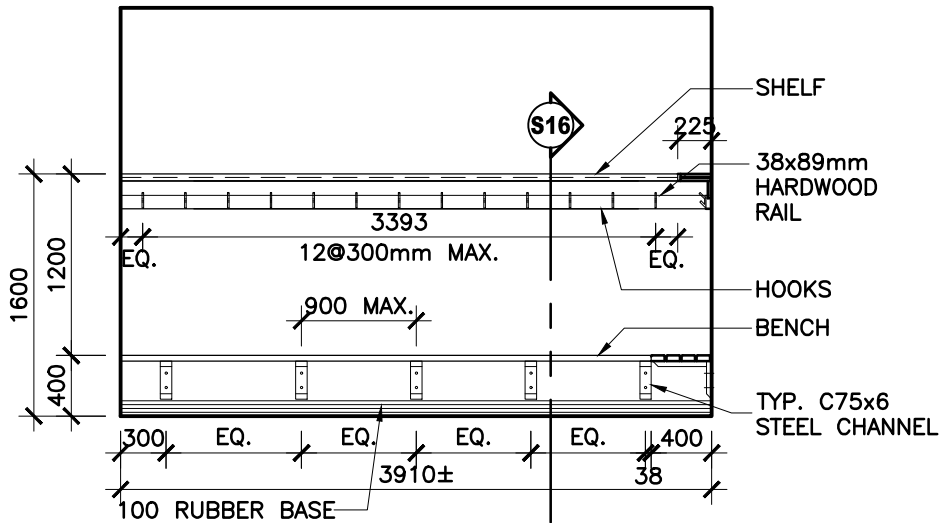
ROOM 200

E43

CLASSROOM WHITEBOARD AT SMARTBOARD

1:50

ARCHITECTURAL WOODWORK

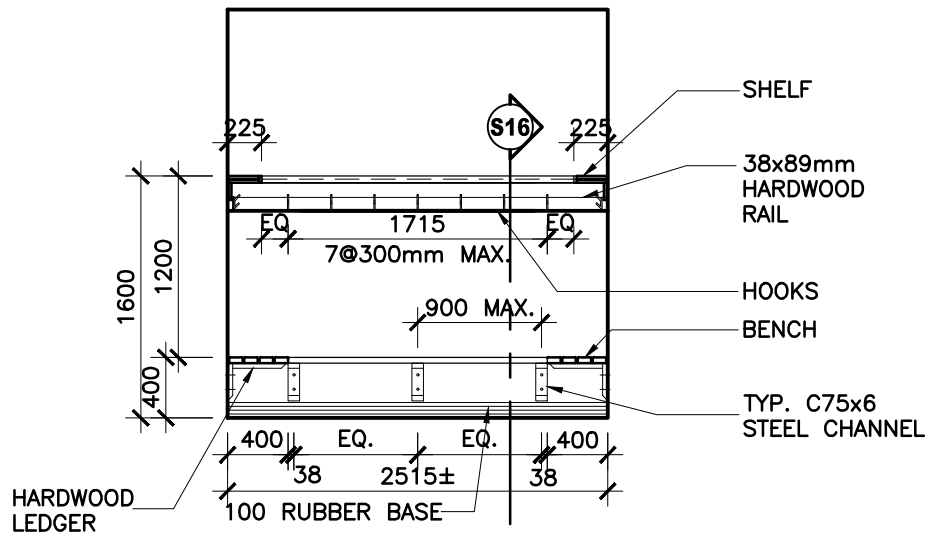


ROOM 109

E44

VESTIAIRE HOMMES - NORTH ELEV.

1:50



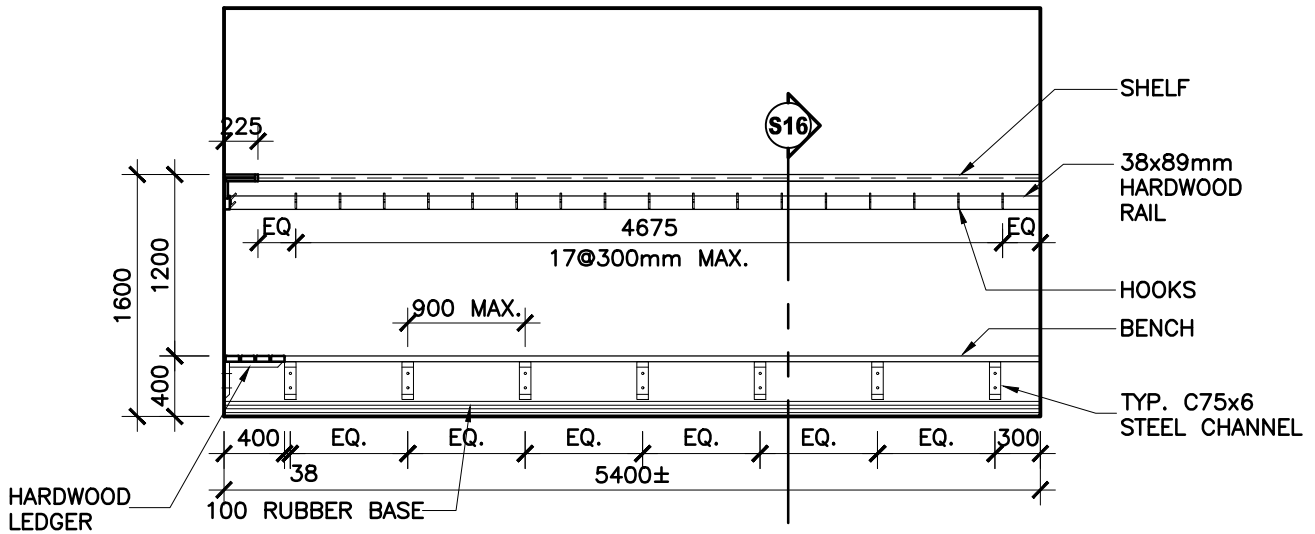
ROOM 109

E45

VESTIAIRE HOMMES - EAST ELEV.

1:50

ARCHITECTURAL WOODWORK

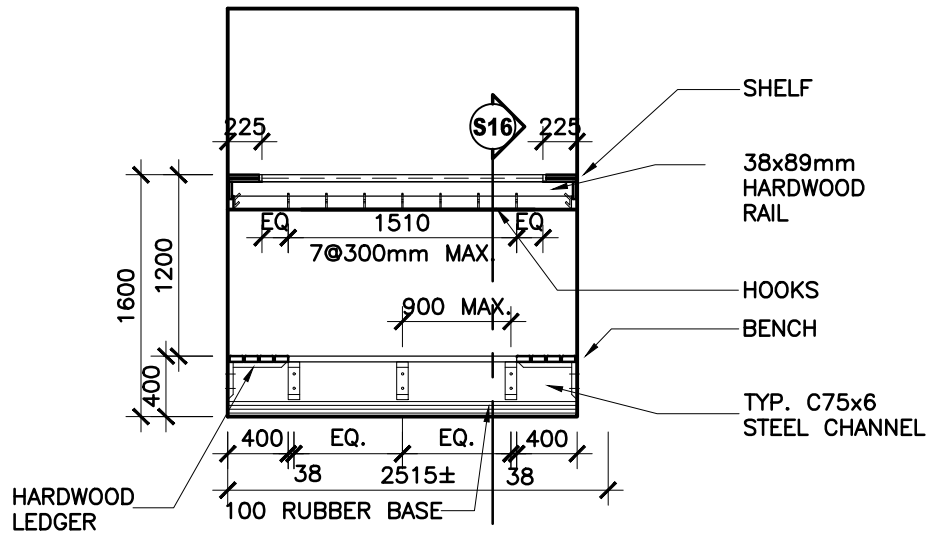


ROOM 109

E46

VESTIAIRE HOMMES - SOUTH ELEV.

1:50



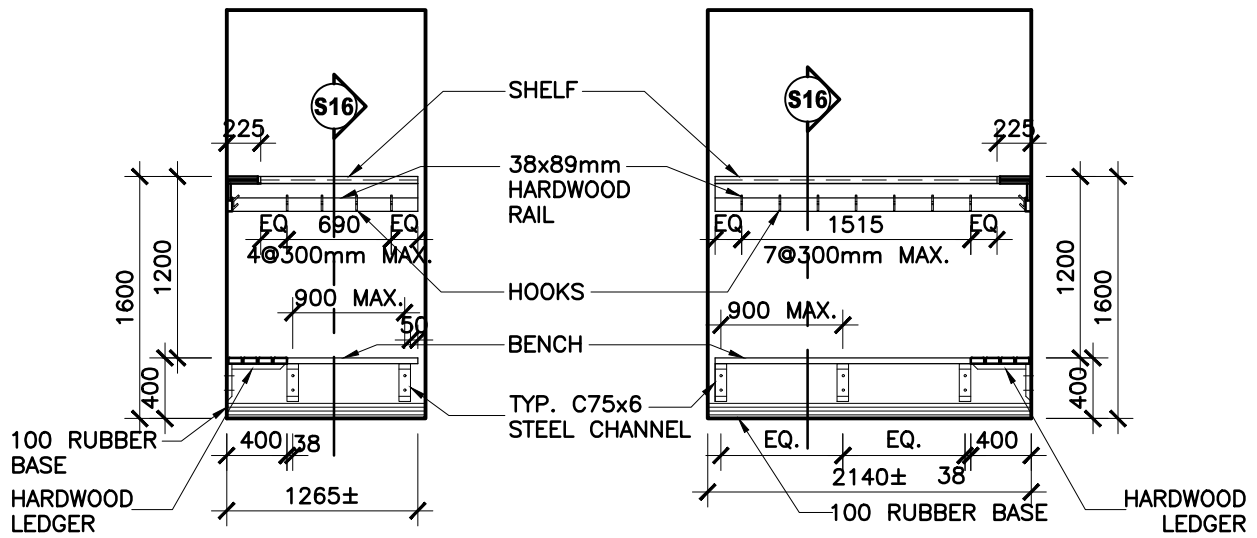
ROOM 110

E47

VESTIAIRE FEMMES - NORTH ELEV.

1:50

ARCHITECTURAL WOODWORK

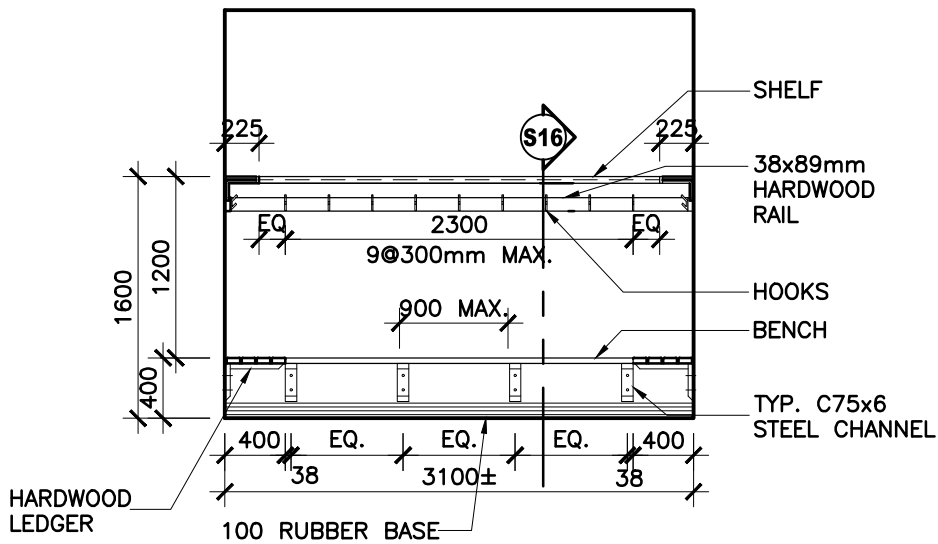


ROOM 110

E48

VESTIAIRE FEMMES - EAST ELEV.

1:50



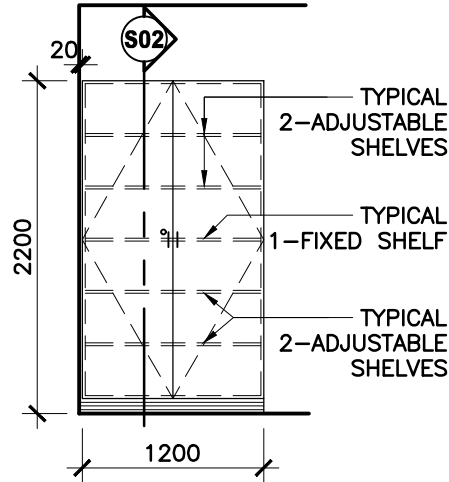
ROOM 110

E49

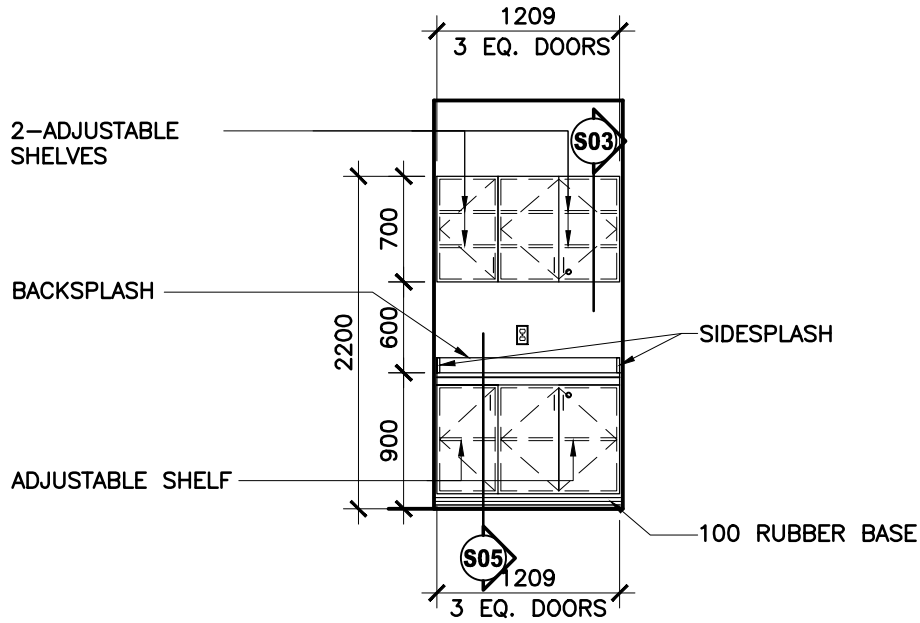
VESTIAIRE FEMMES - SOUTH ELEV.

1:50

ARCHITECTURAL WOODWORK

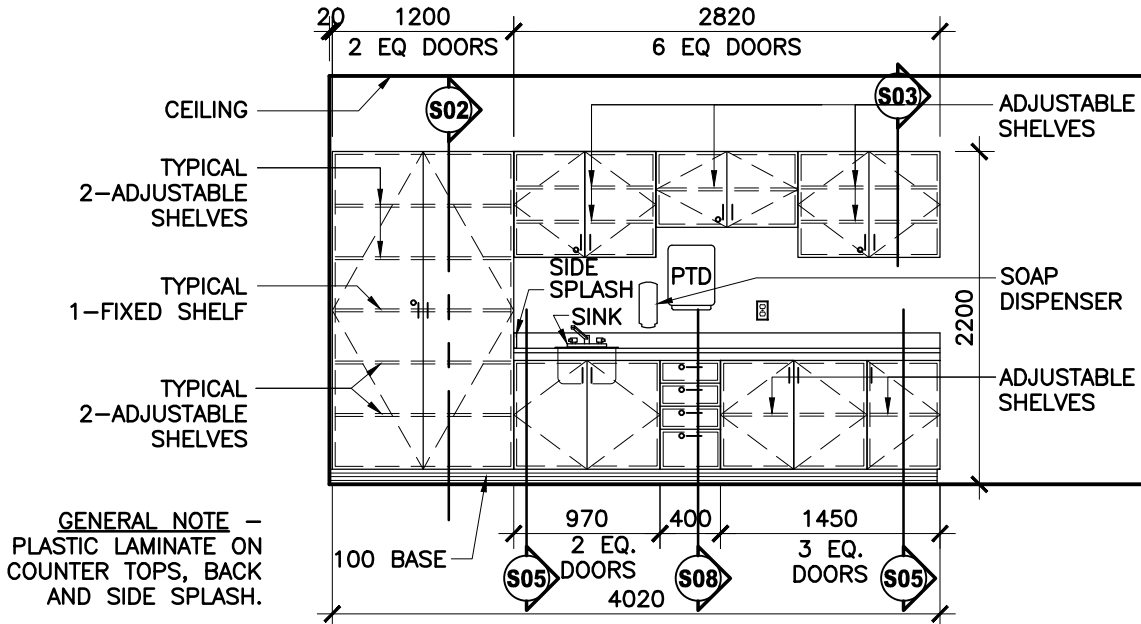


ROOM 204
E52 STORAGE CABINET
1:50



ROOM 204
E53 CLASSROOM COUNTER AND CABINETS
1:50

ARCHITECTURAL WOODWORK

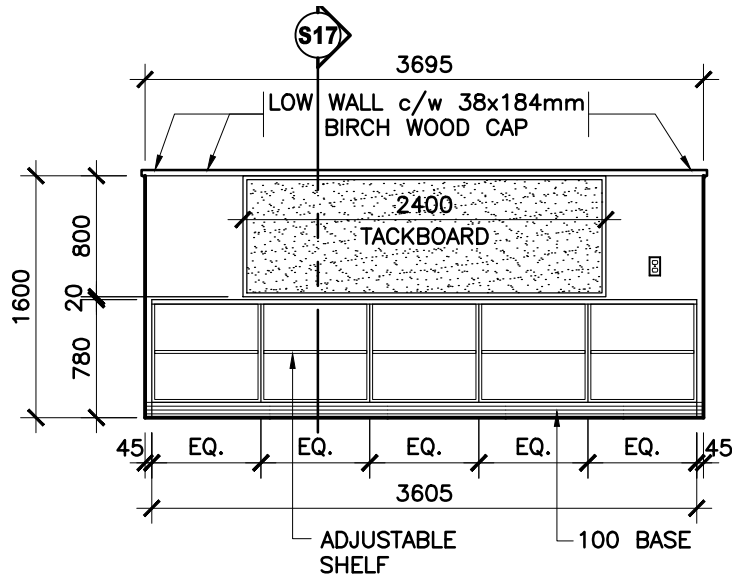


ROOM 208

E54

CLASSROOM COUNTER AND STORAGE CABINET

1:50



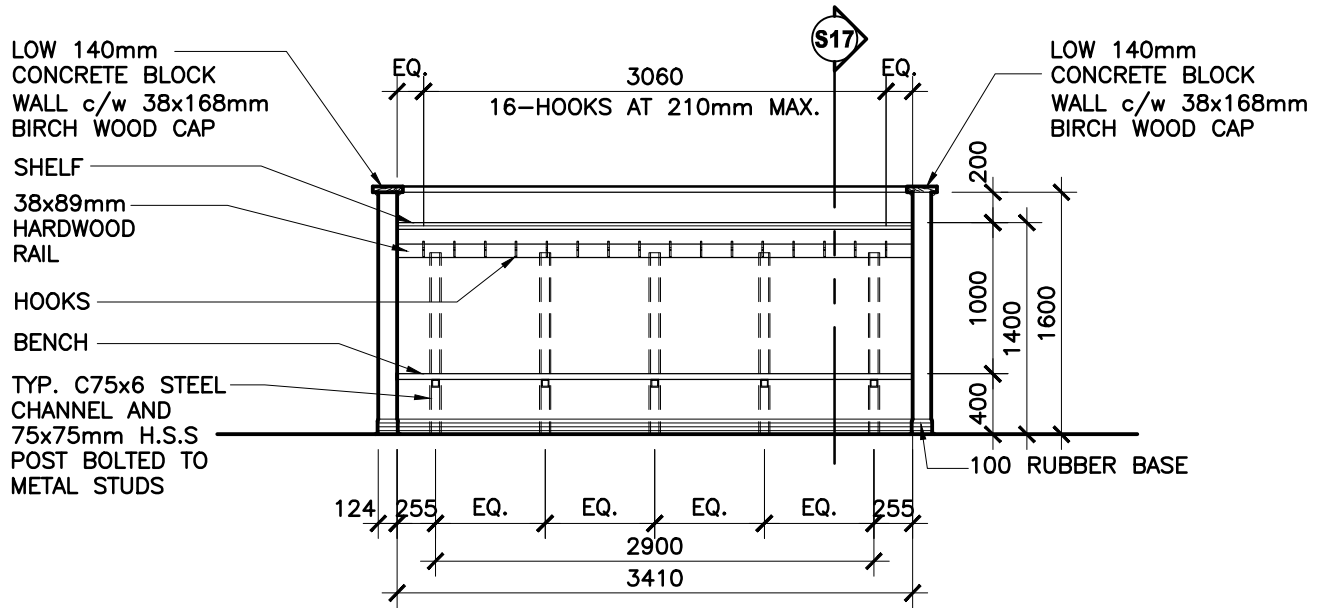
ROOMS 222 AND 224

E55

TYPICAL CLASSROOM BOOK STORAGE

1:50

ARCHITECTURAL WOODWORK

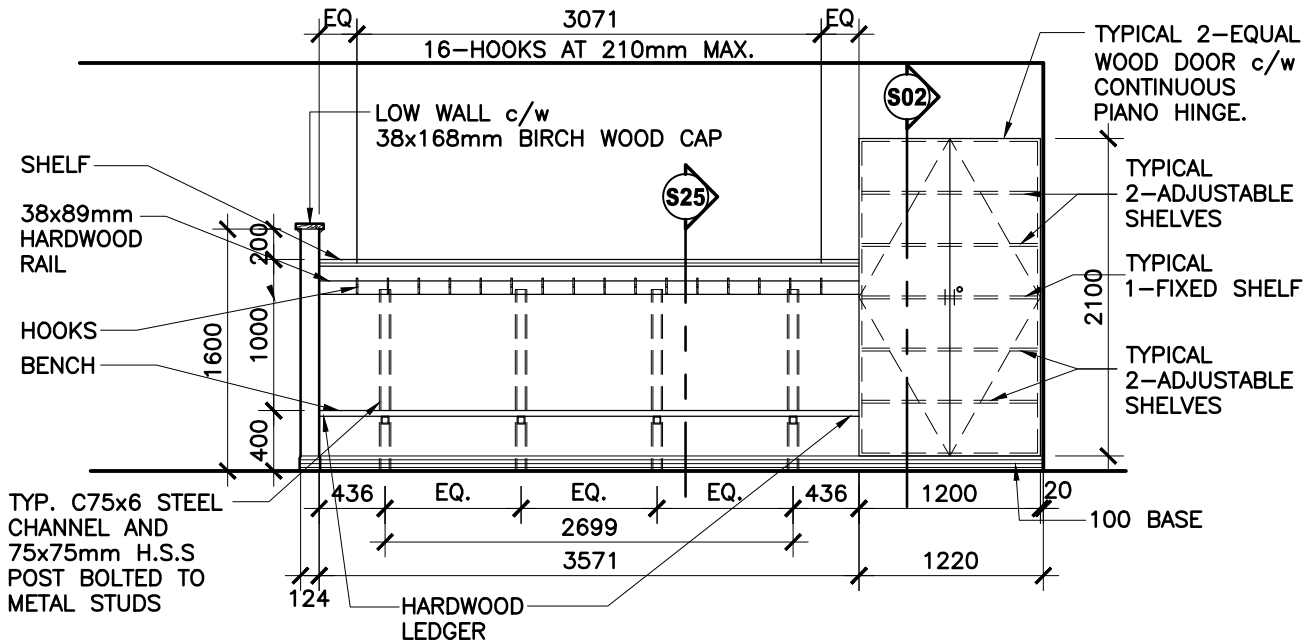


ROOMS 222 AND 224

E56

TYPICAL CLASSROOM COAT CUBBIES

1:50



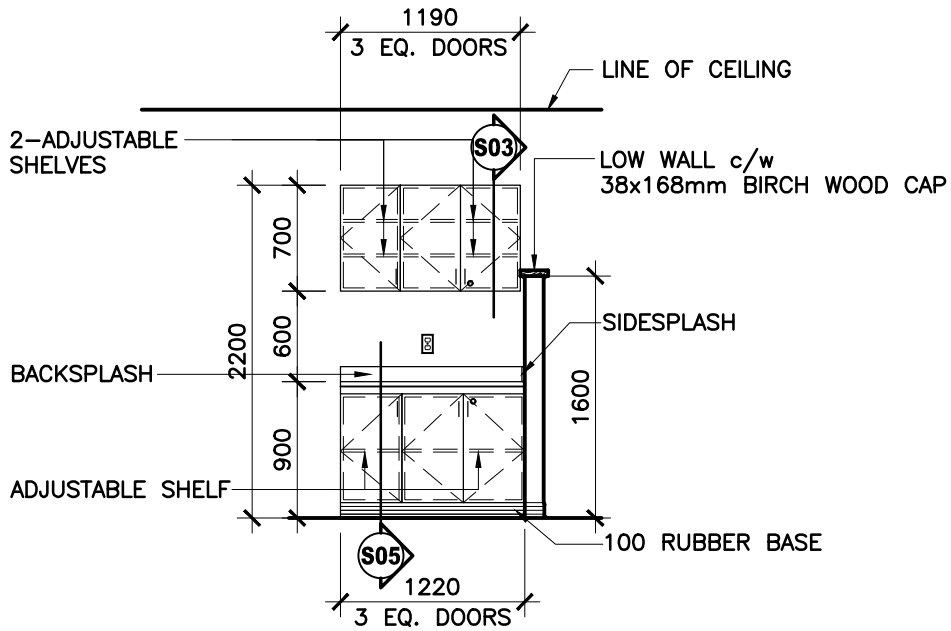
ROOMS 222 AND 224

E57

TYPICAL CLASSROOM CUBBIES WITH STORAGE CABINET

1:50

ARCHITECTURAL WOODWORK



ROOMS 222 AND 224

E58

TYPICAL CLASSROOM COUNTER AND CABINETS

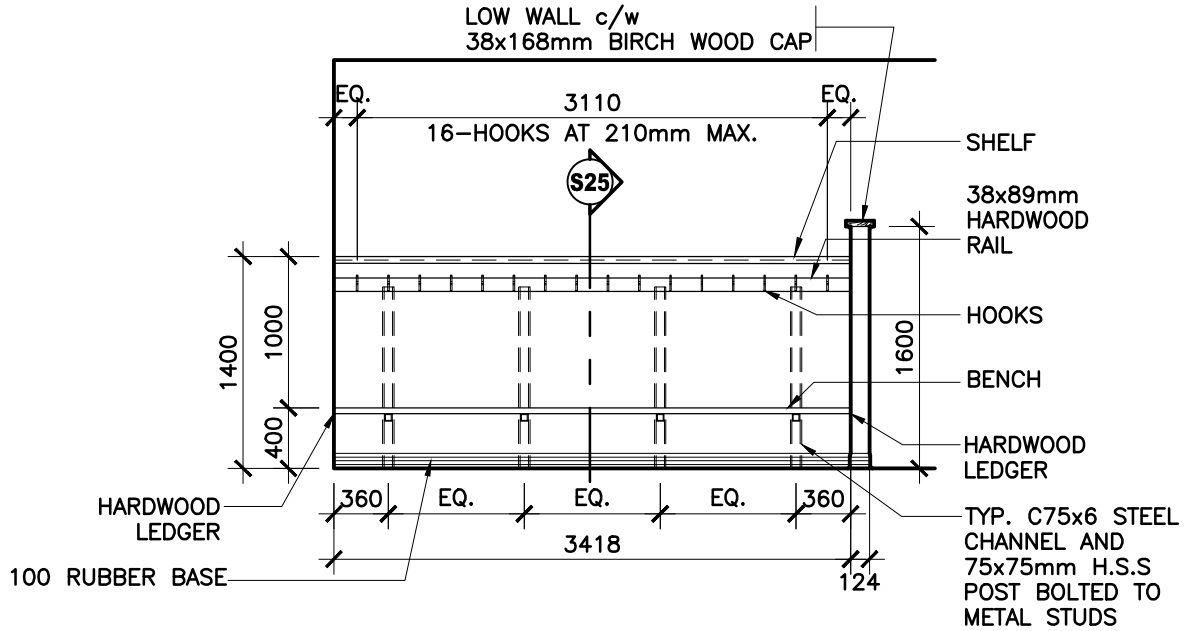
1:50

E59

NOT USED

1:50

ARCHITECTURAL WOODWORK

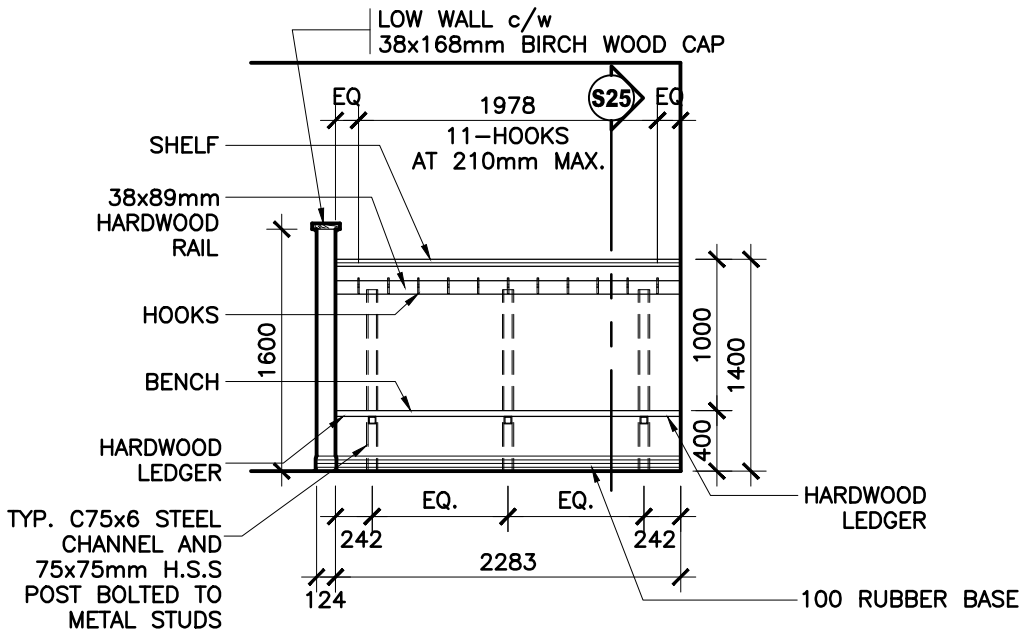


ROOM 223

E60

CLASSROOM CUBBIES

1:50



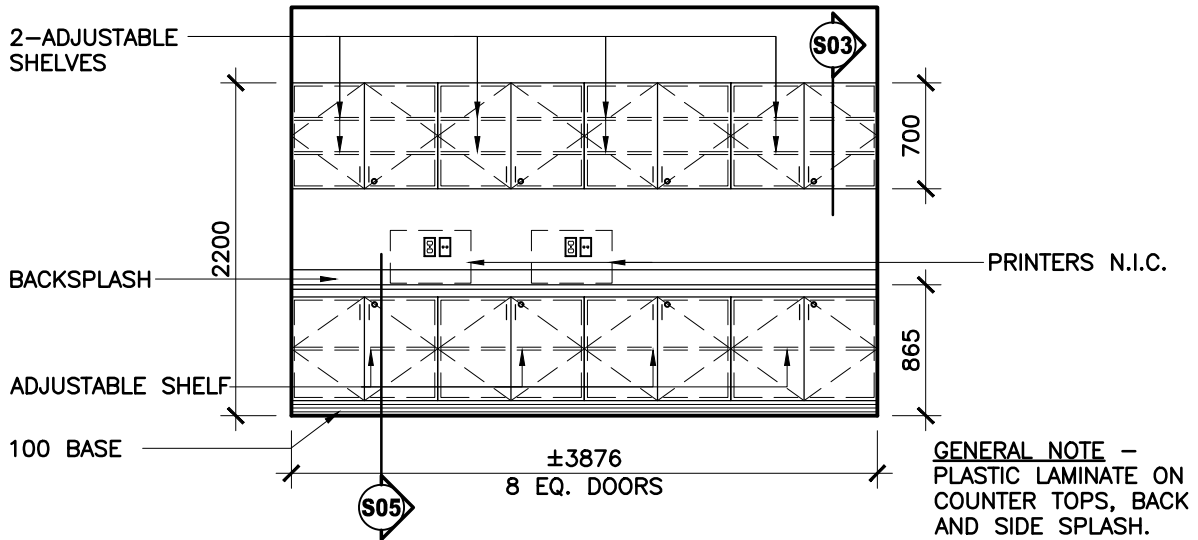
ROOM 223

E61

CLASSROOM CUBBIES

1:50

ARCHITECTURAL WOODWORK

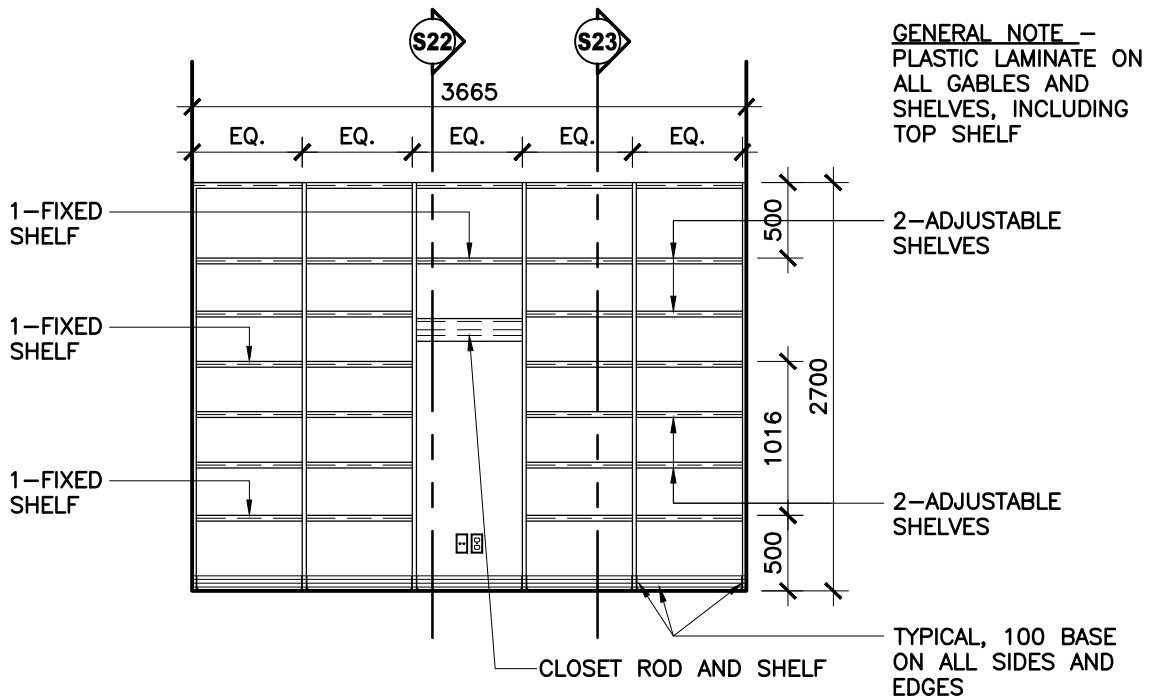


ROOM 214

E62

PRINTING COUNTER

1:50



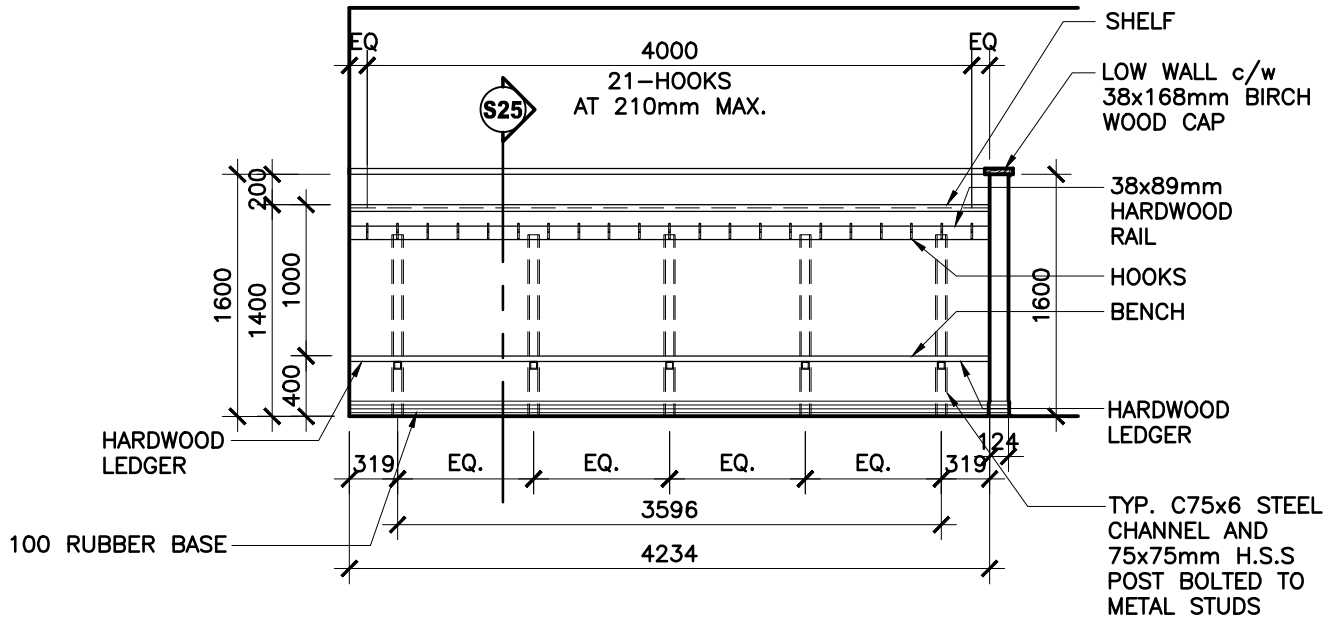
ROOM 202

E63

JANITOR - CUSTODIAL STORAGE

1:50

ARCHITECTURAL WOODWORK

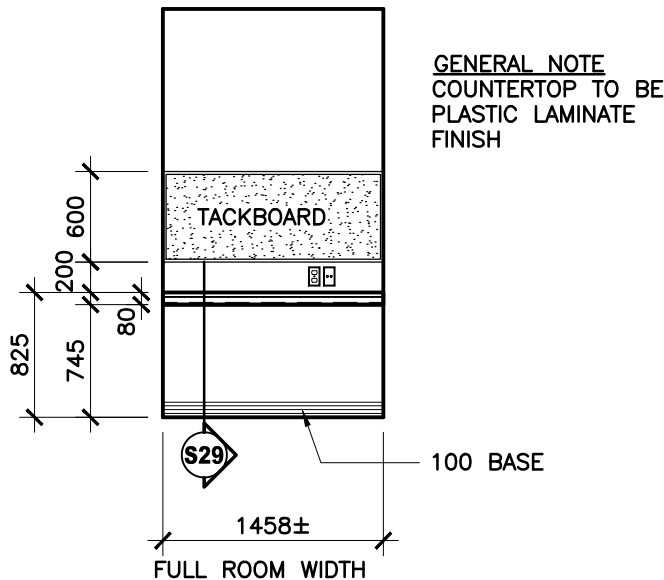


ROOM 208

E64

CLASSROOM CUBBIES

1:50



GENERAL NOTE
 COUNTERTOP TO BE
 PLASTIC LAMINATE
 FINISH

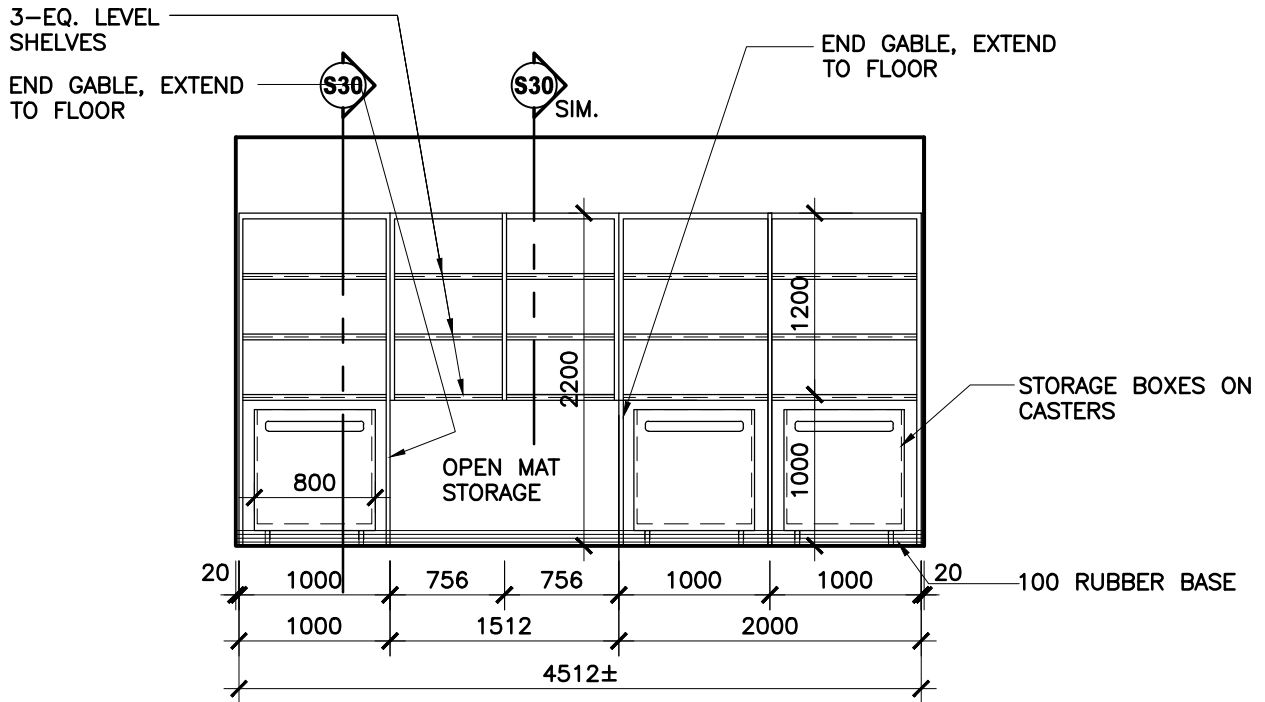
ROOM 102A

E65

STAFF TELEPHONE COUNTER

1:50

ARCHITECTURAL WOODWORK

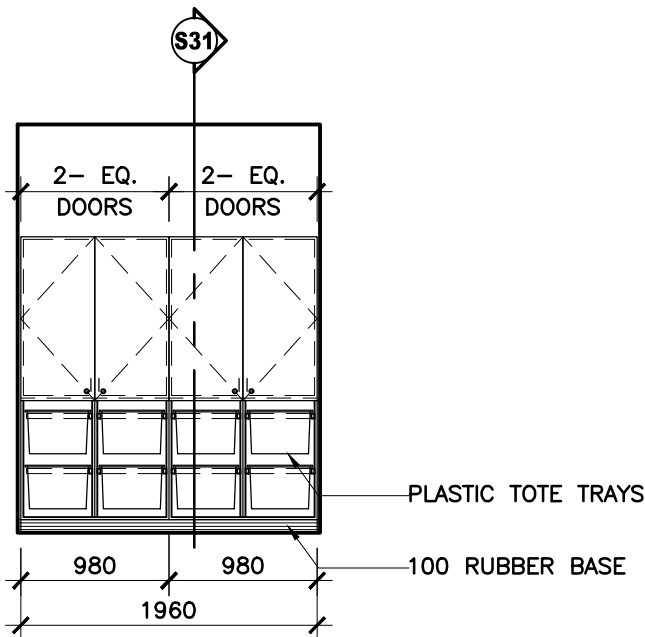


ROOM 113A

E66

GYMNASIUM STORAGE - NORTH ELEV.

1:50



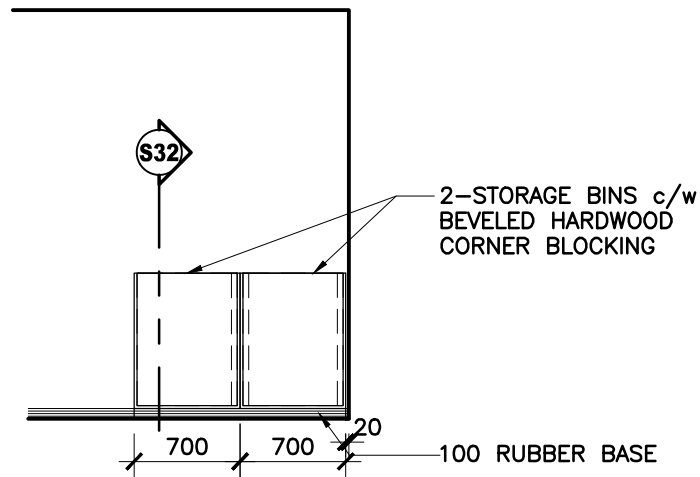
ROOM 113A

E67

GYMNASIUM STORAGE - WEST ELEV.

1:50

ARCHITECTURAL WOODWORK

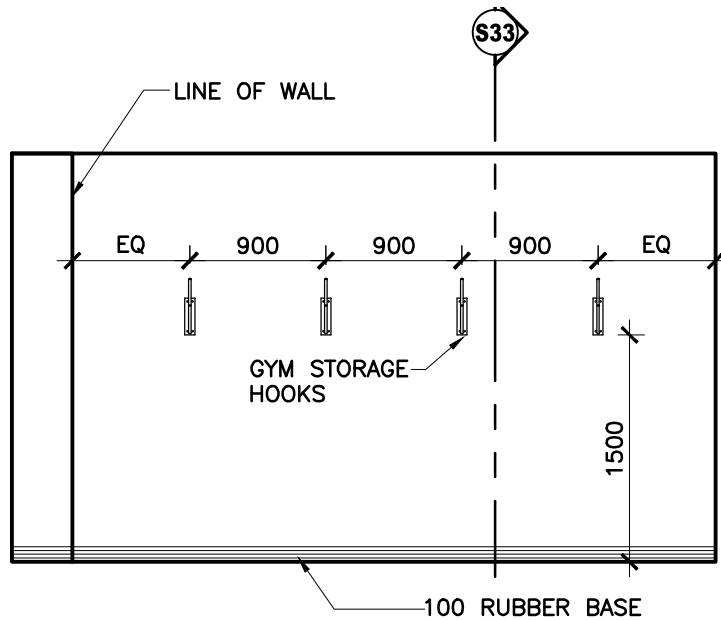


ROOM 113A

E68

GYMNASIUM STORAGE - EAST ELEV.

1:50



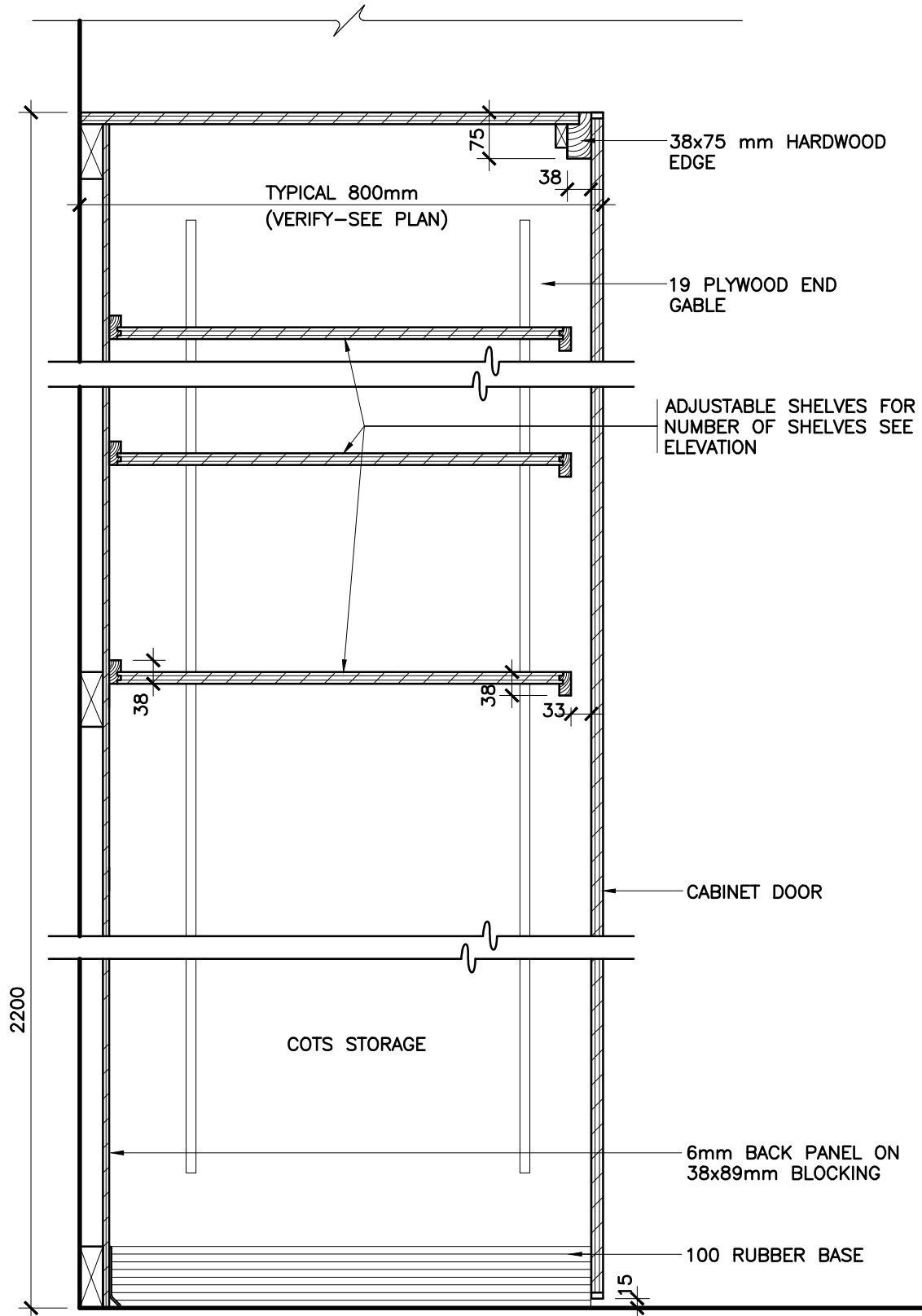
ROOM 113C

E69

GYMNASIUM STORAGE - WEST ELEV.

1:50

ARCHITECTURAL WOODWORK



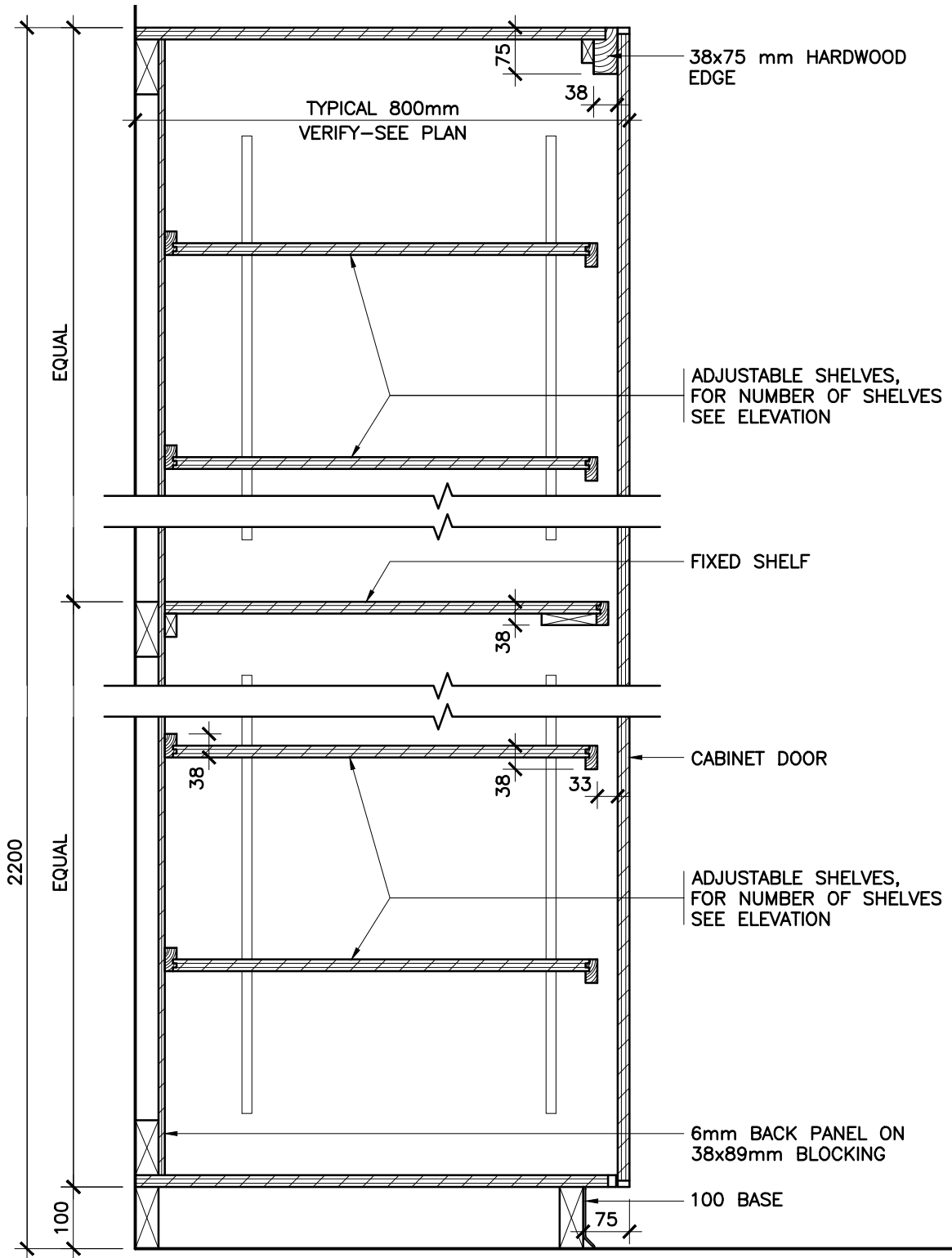
MILLWORK SECTION

COT STORAGE CABINET

S01
TYP.

1:10

ARCHITECTURAL WOODWORK



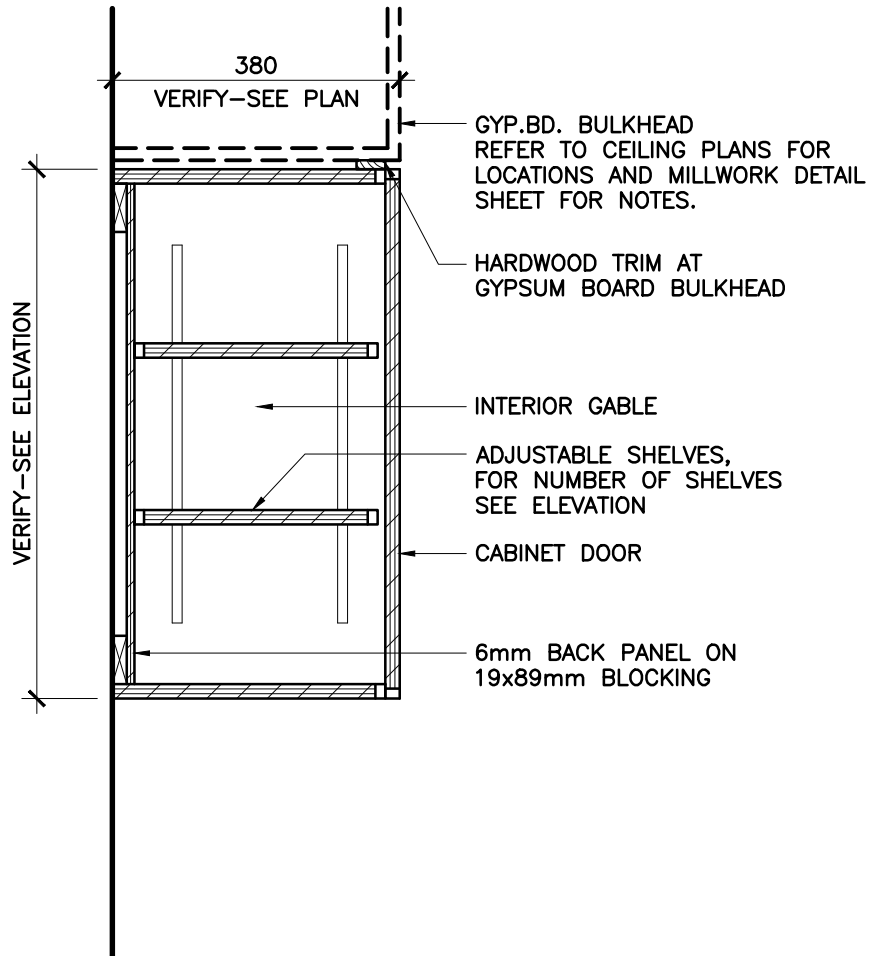
MILLWORK SECTION

TYPICAL STORAGE CABINET

S02
TYP.

1:10

ARCHITECTURAL WOODWORK



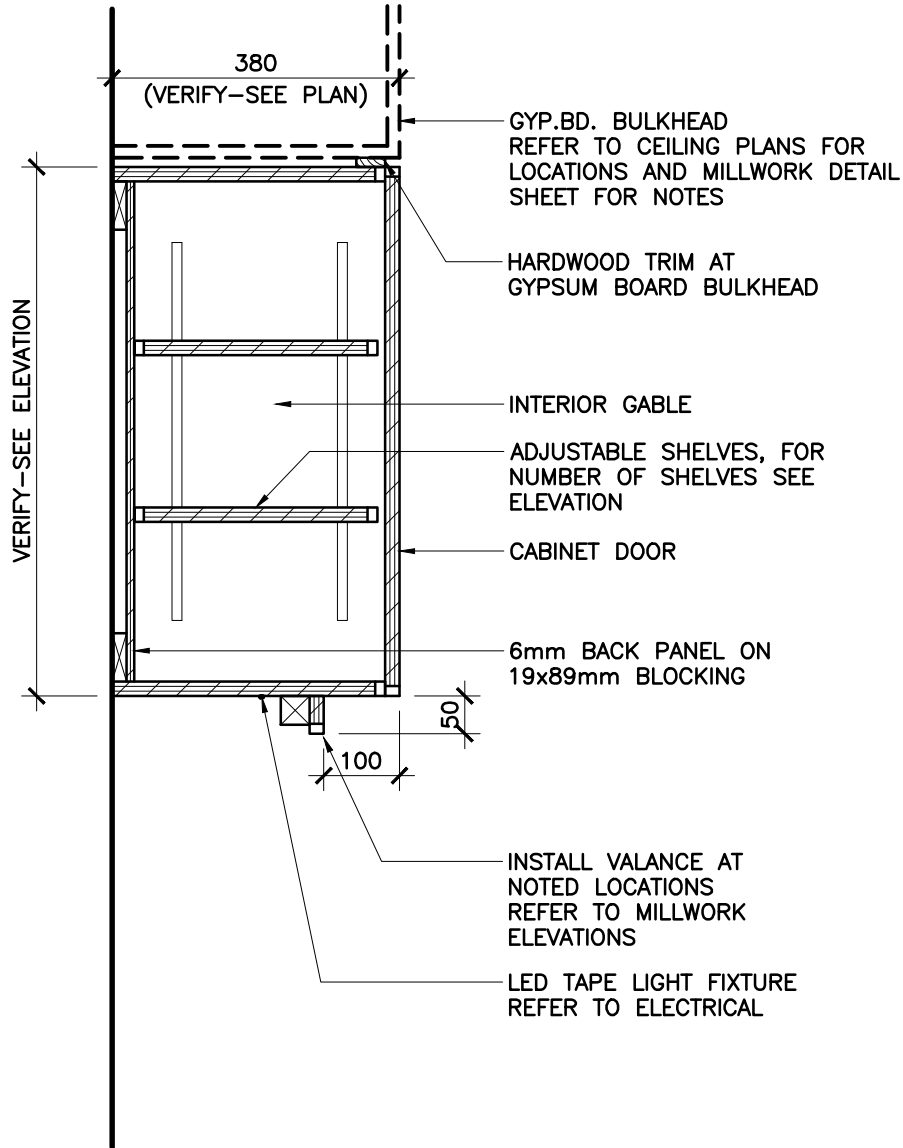
MILLWORK SECTION

TYPICAL UPPER CABINET

S03
TYP.

1:10

ARCHITECTURAL WOODWORK



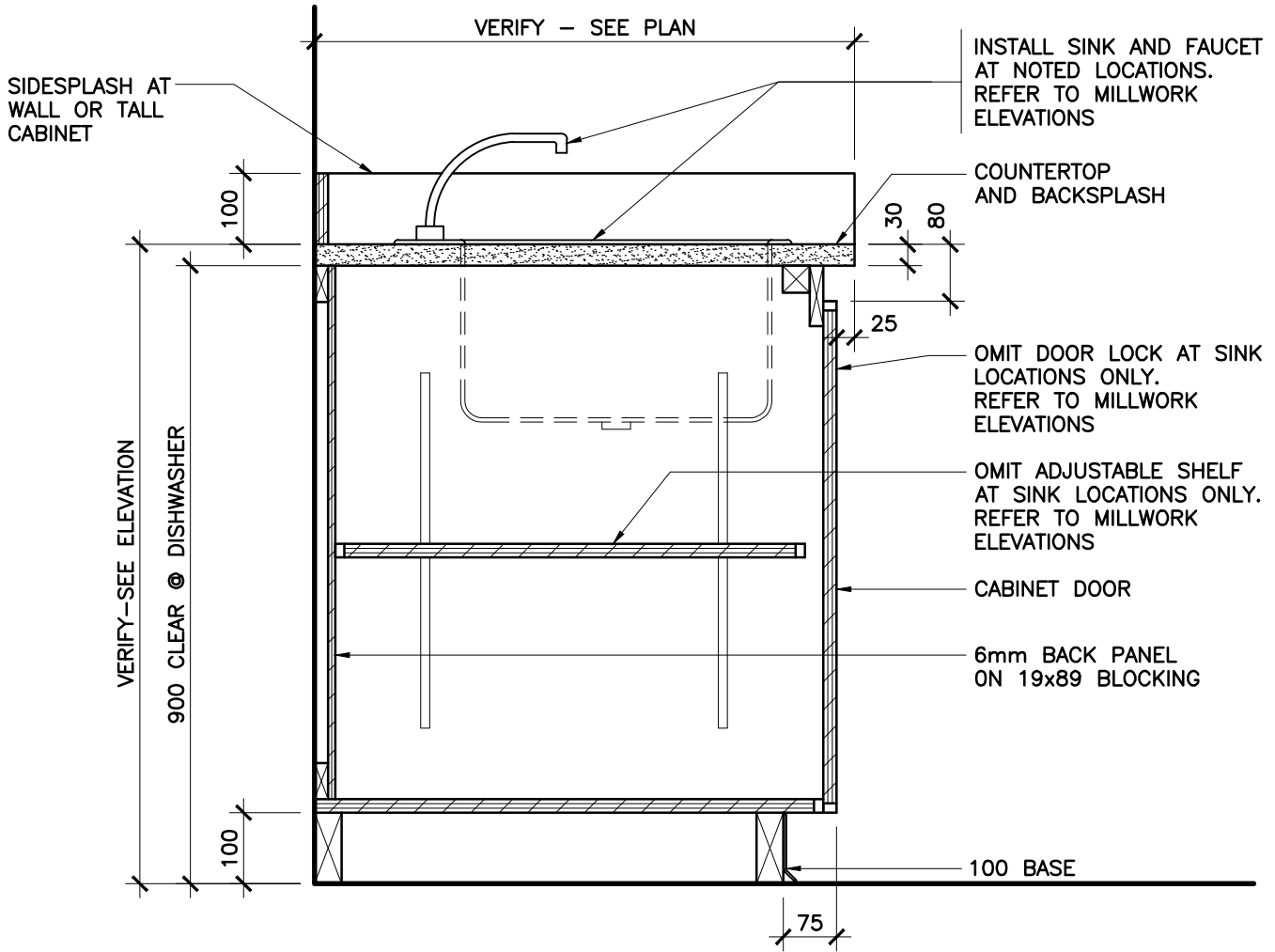
MILLWORK SECTION

S04
TYP.

TYPICAL UPPER CABINET WITH VALENCE

1:10

ARCHITECTURAL WOODWORK



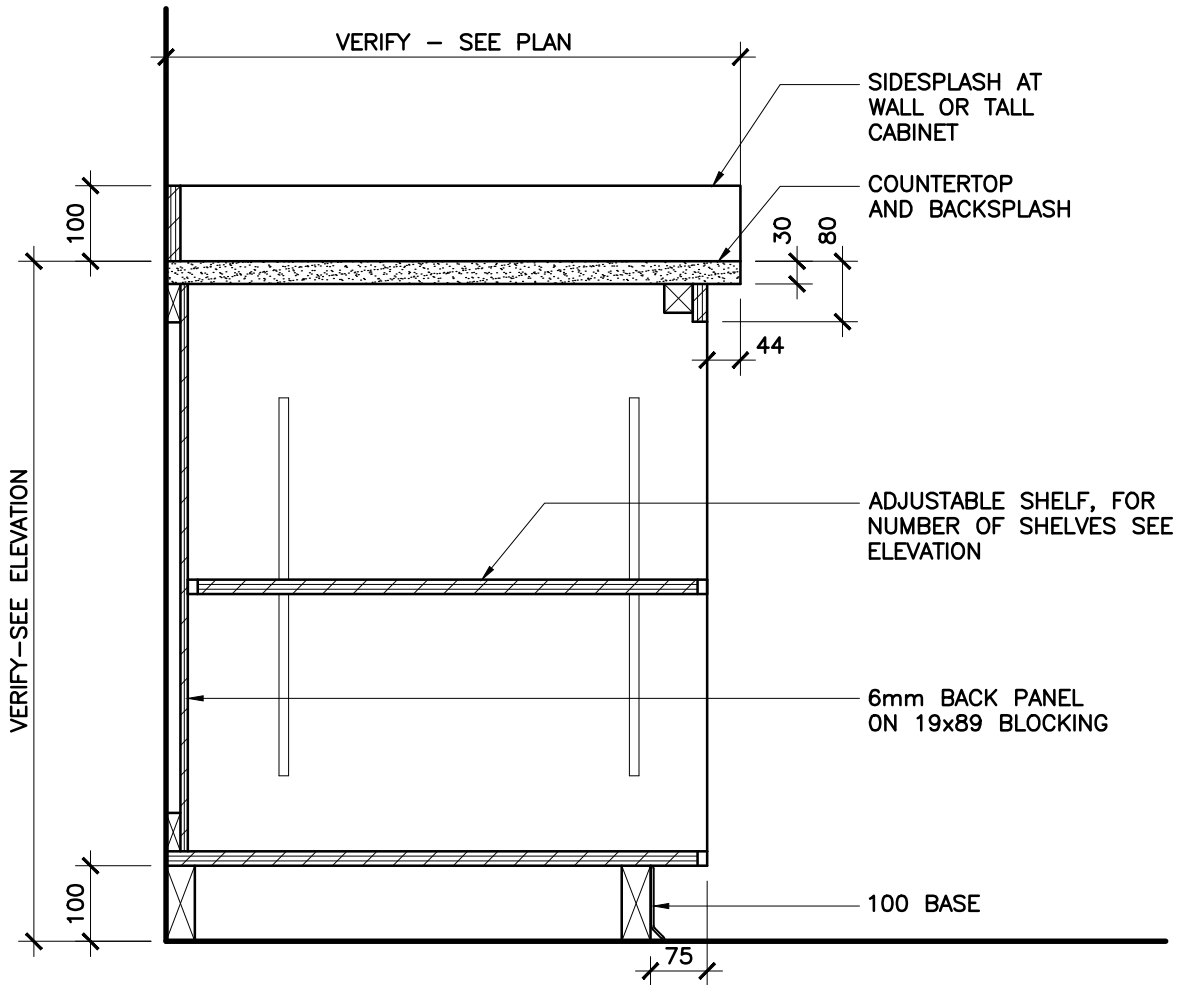
MILLWORK SECTION

TYPICAL COUNTER WITH CABINET

S05
TYP.

1:10

ARCHITECTURAL WOODWORK



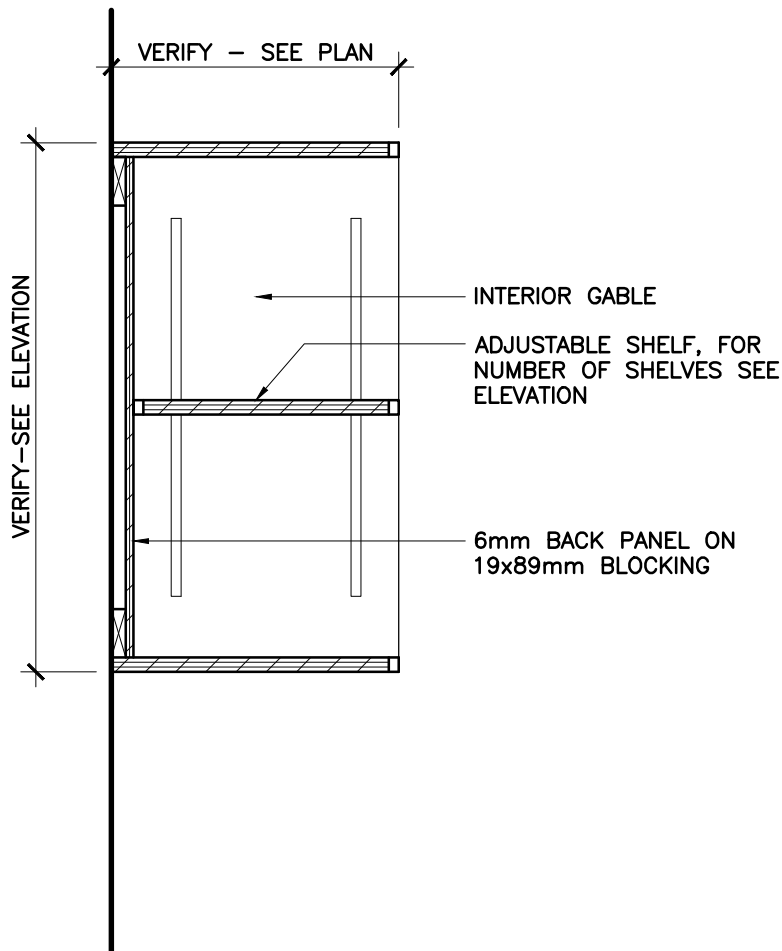
MILLWORK SECTION

TYPICAL COUNTER WITH OPEN SHELF

S06
TYP.

1:10

ARCHITECTURAL WOODWORK



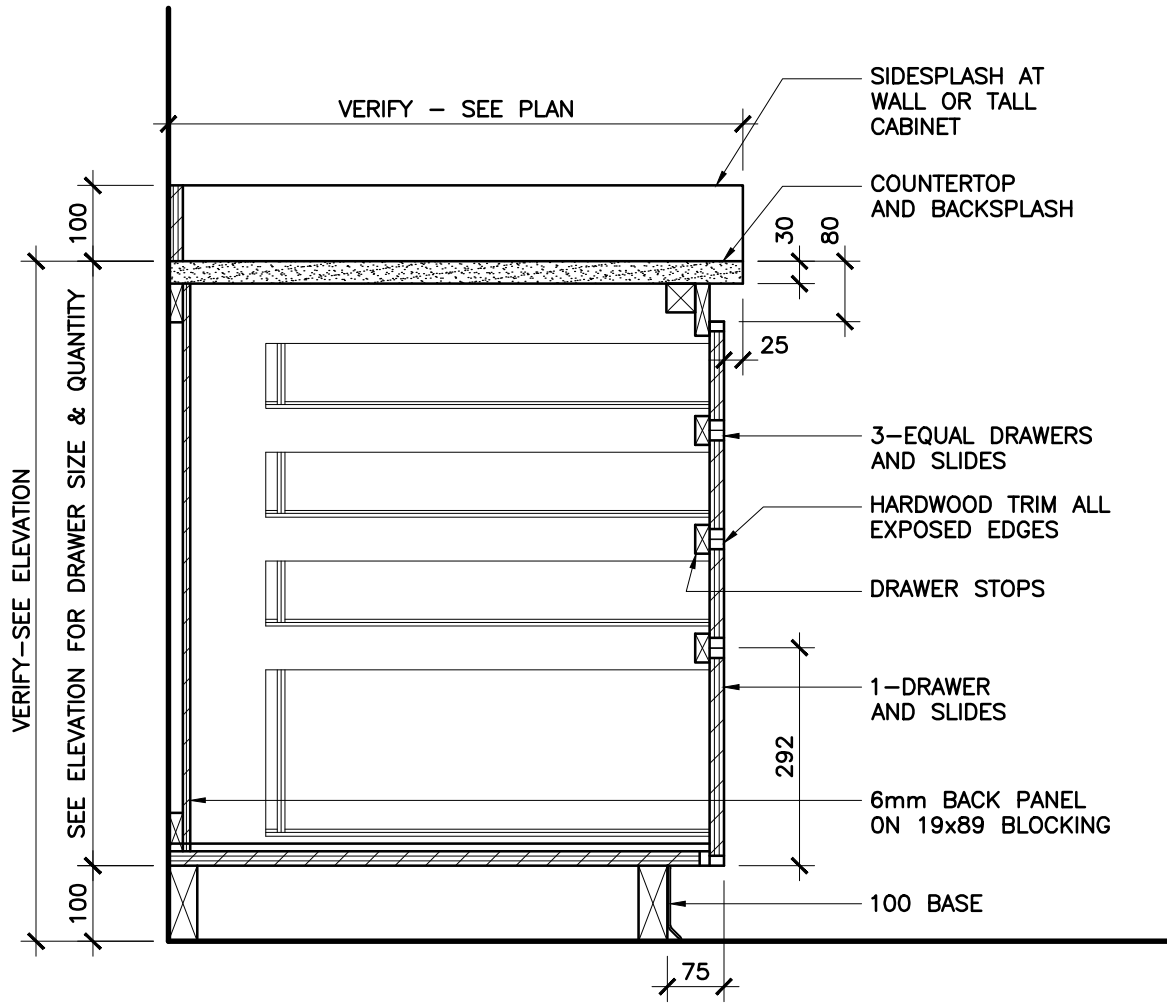
MILLWORK SECTION

UPPER CABINET WITH OPEN SHELVES

S07
TYP.

1:10

ARCHITECTURAL WOODWORK



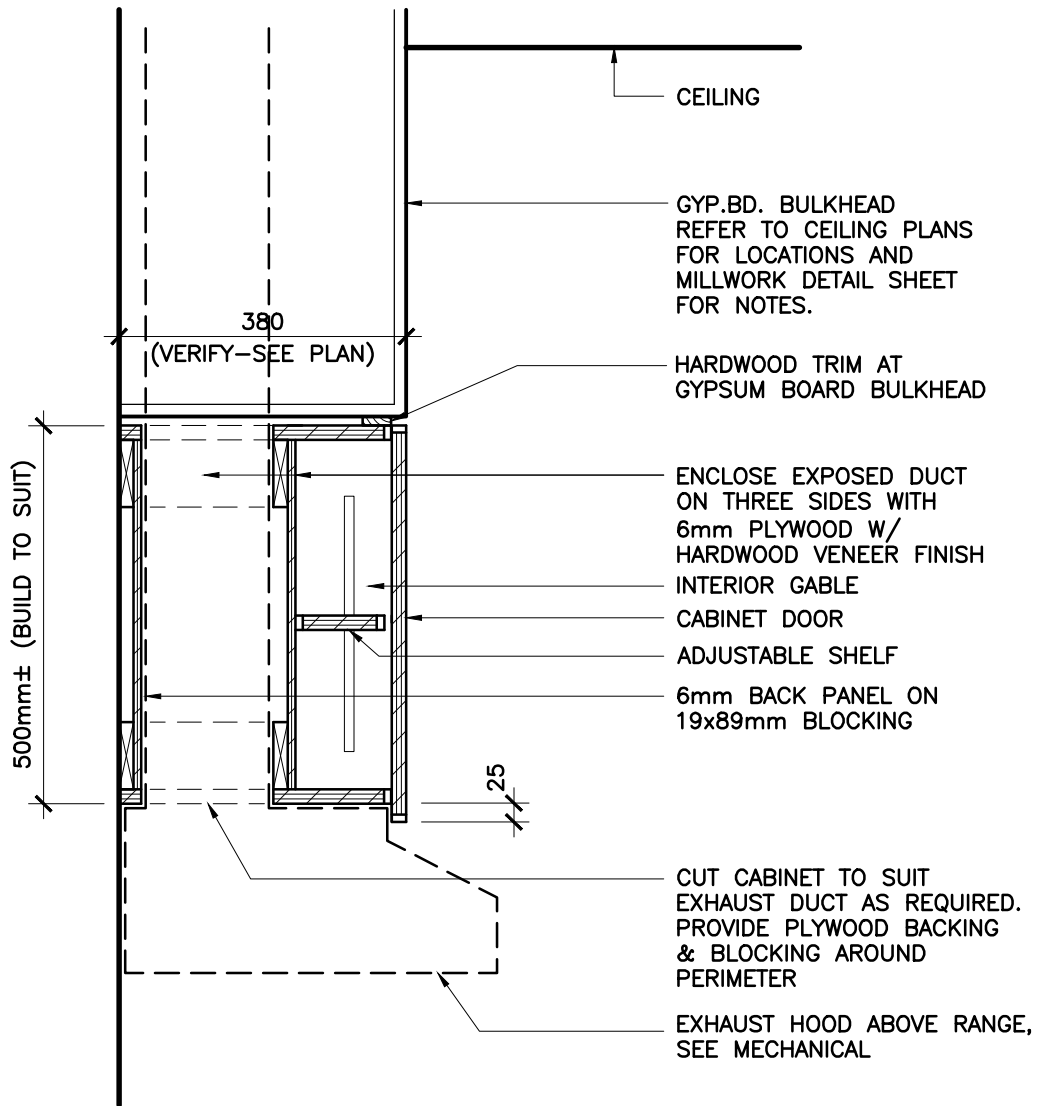
MILLWORK SECTION

COUNTER WITH DRAWERS CABINET

S08
TYP.

1:10

ARCHITECTURAL WOODWORK



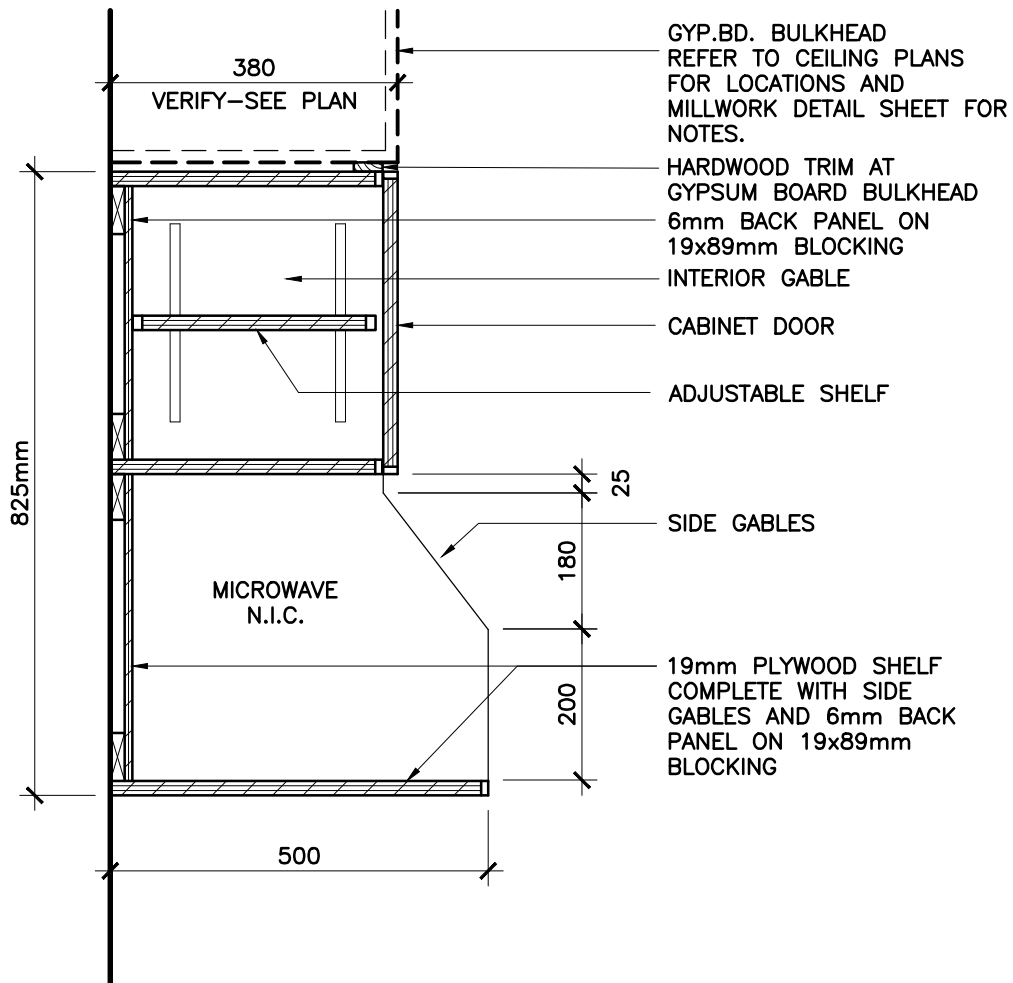
MILLWORK SECTION

EXHAUST HOOD SECTION

S09
TYP.

1:10

ARCHITECTURAL WOODWORK



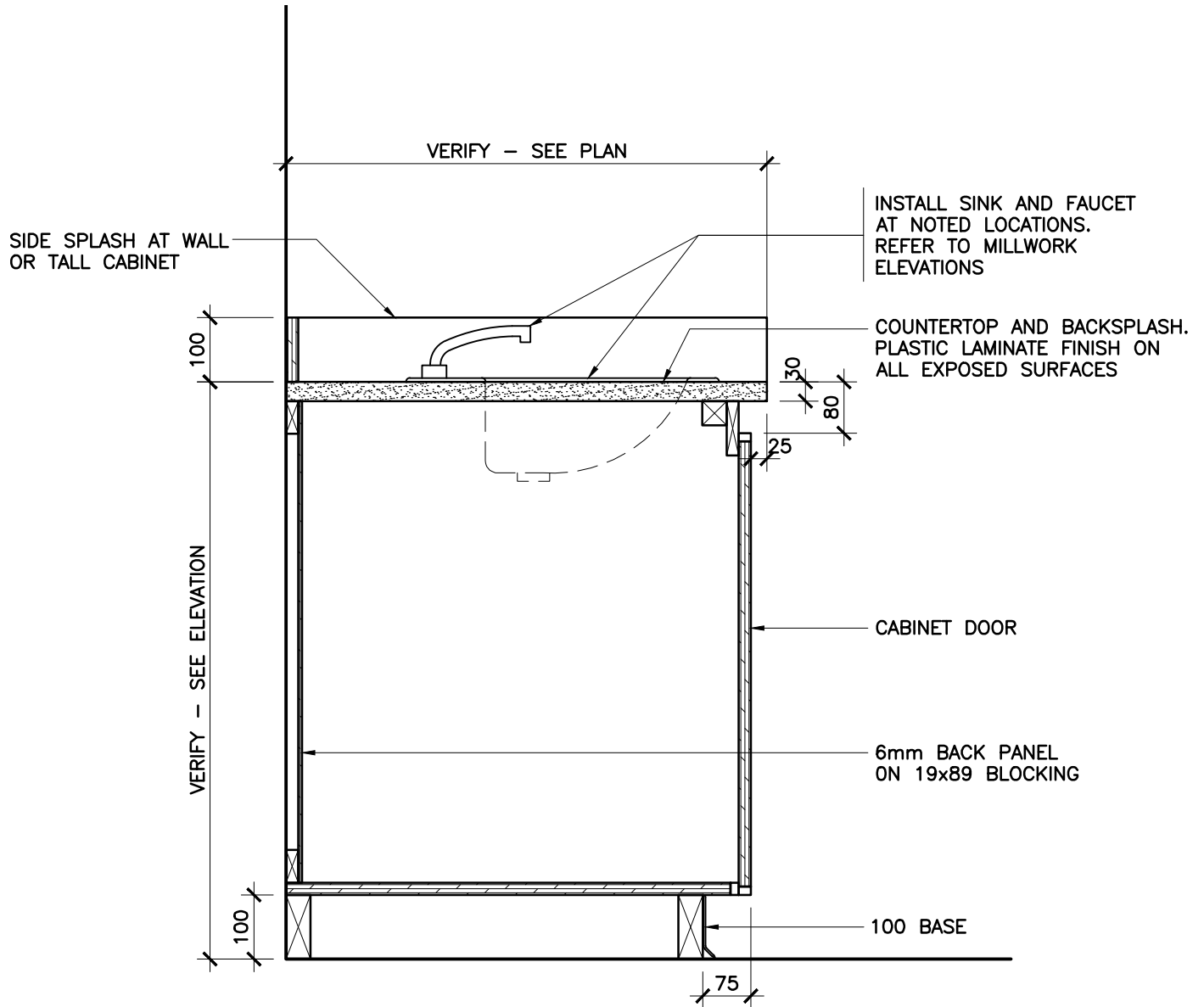
MILLWORK SECTION

TYPICAL UPPER CABINET AT MICROWAVE

S10
 TYP.

1:10

ARCHITECTURAL WOODWORK



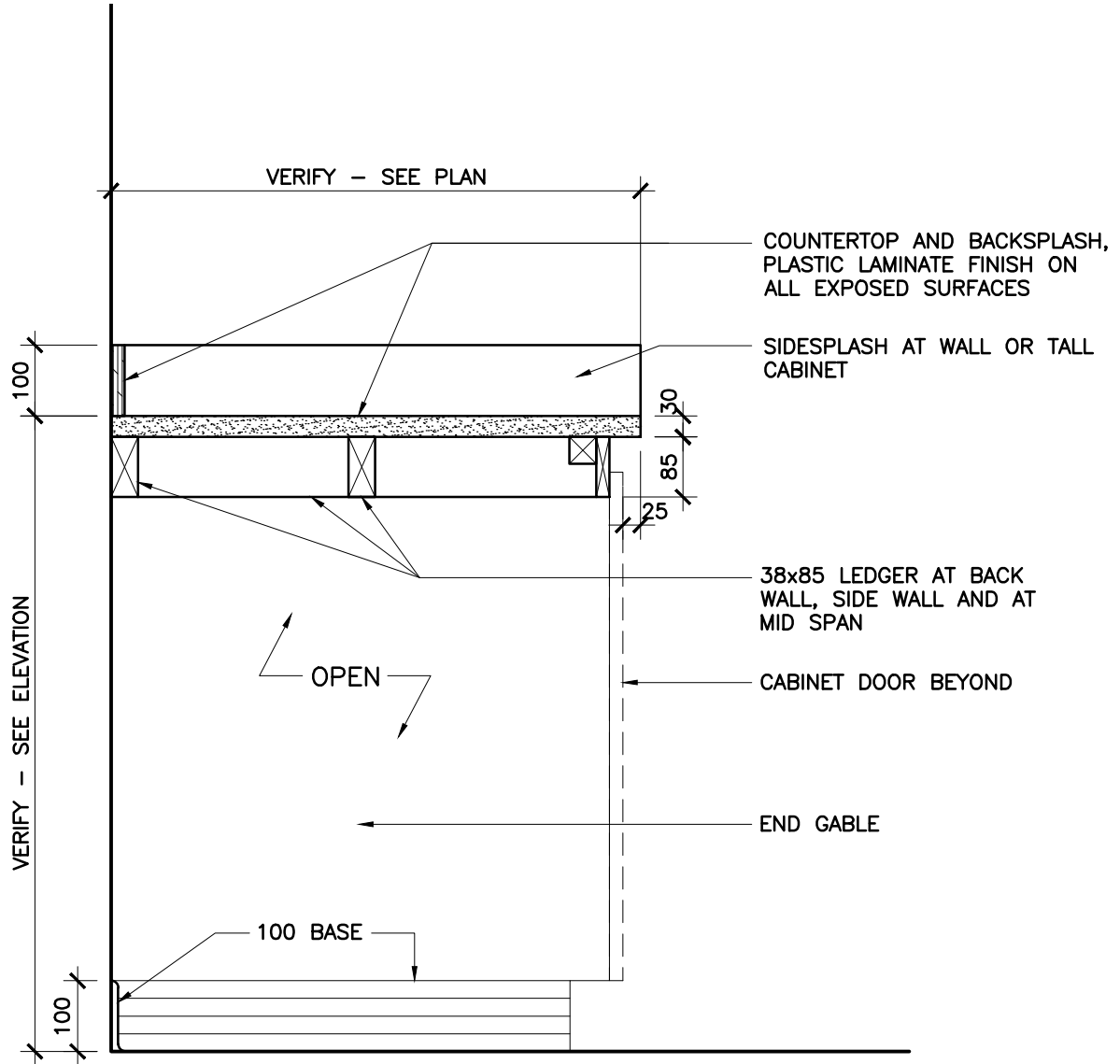
MILLWORK SECTION

WASHROOM COUNTER WITH LAVATORY AND CABINET

S11
TYP.

1:10

ARCHITECTURAL WOODWORK



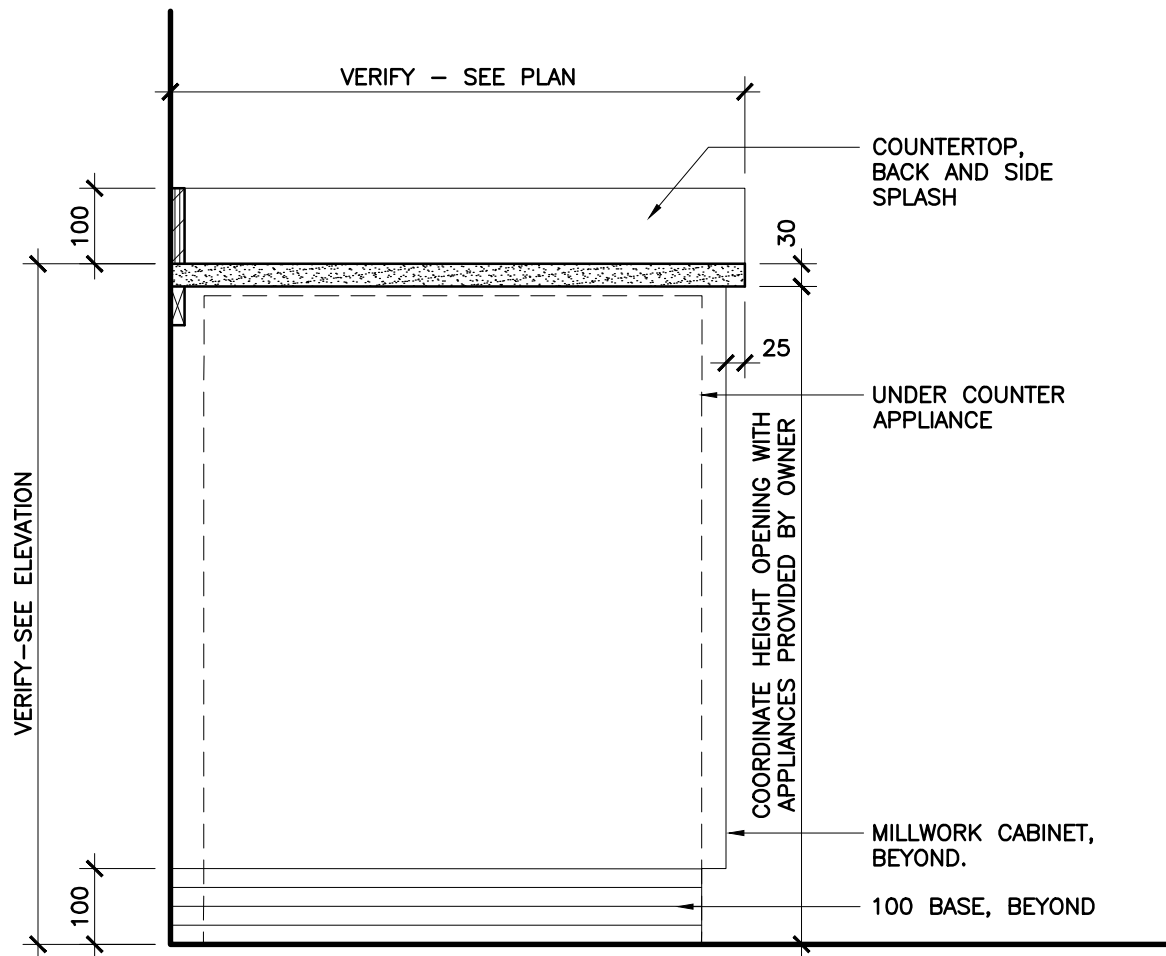
MILLWORK SECTION

WASHROOM COUNTER - OPEN

S12
TYP.

1:10

ARCHITECTURAL WOODWORK



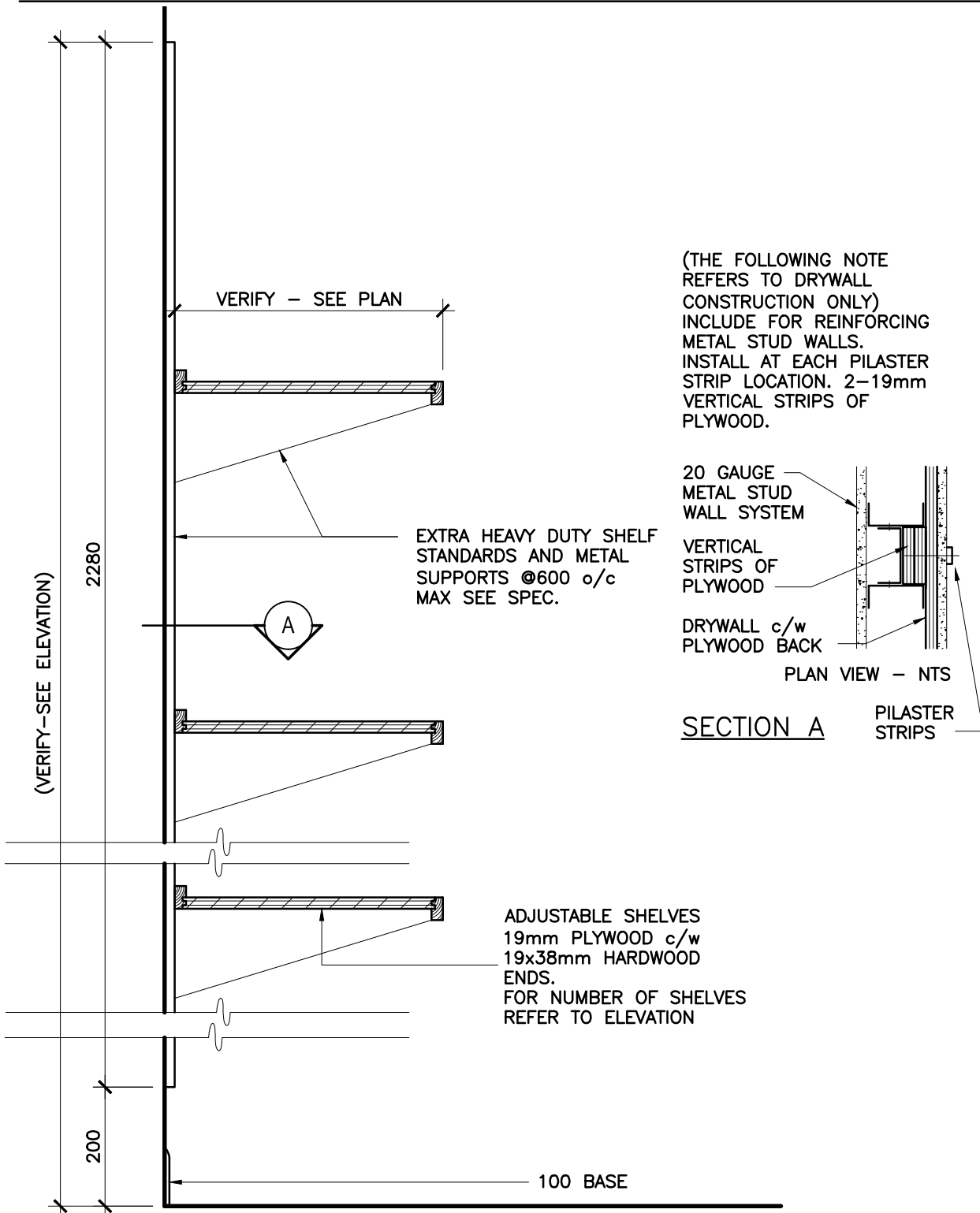
MILLWORK SECTION

COUNTERTOP AT APPLIANCE

S13
TYP.

1:10

ARCHITECTURAL WOODWORK

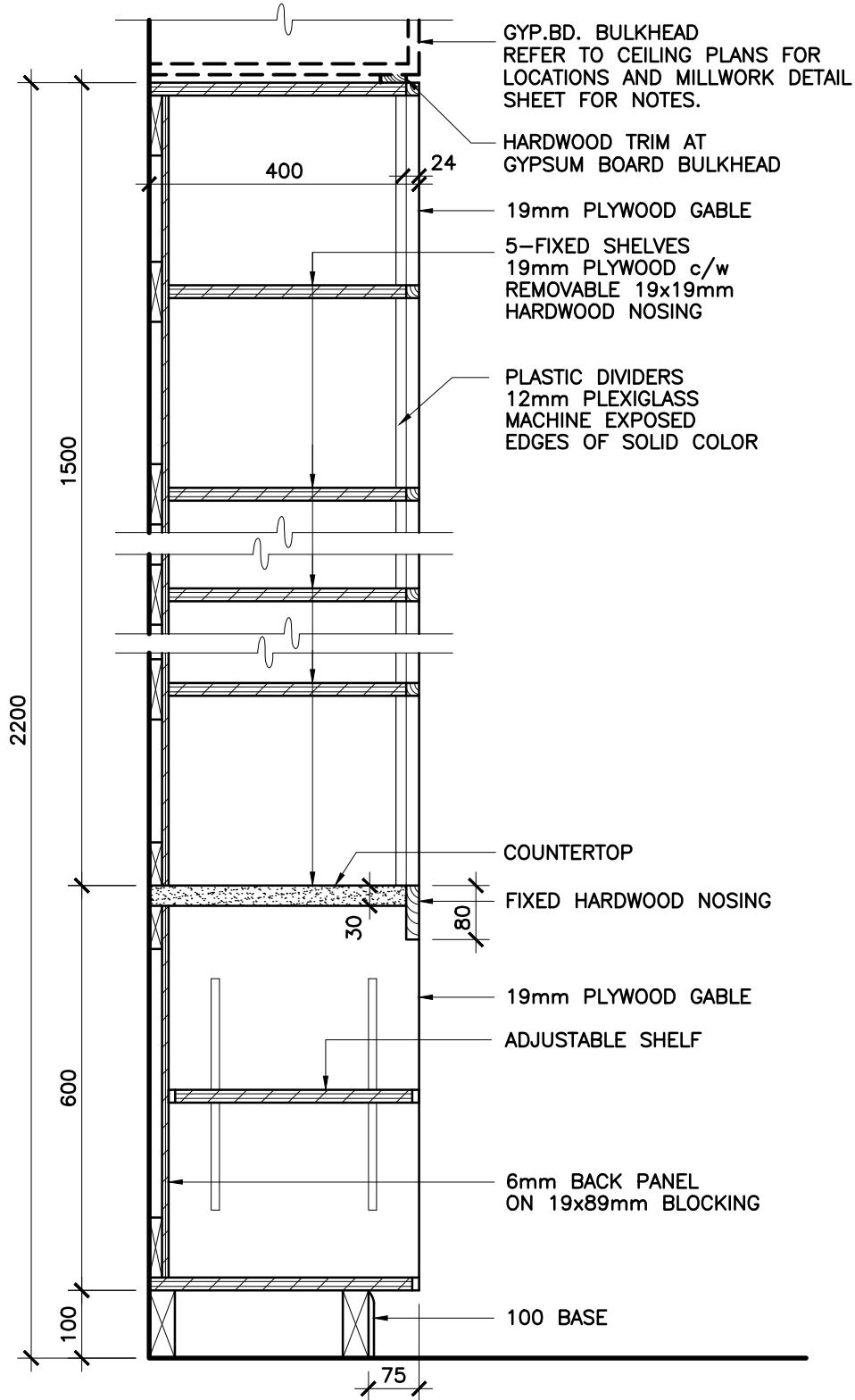


S14
 TYP.

MILLWORK SECTION
ENTREPÔT SHELVING

1:10

ARCHITECTURAL WOODWORK

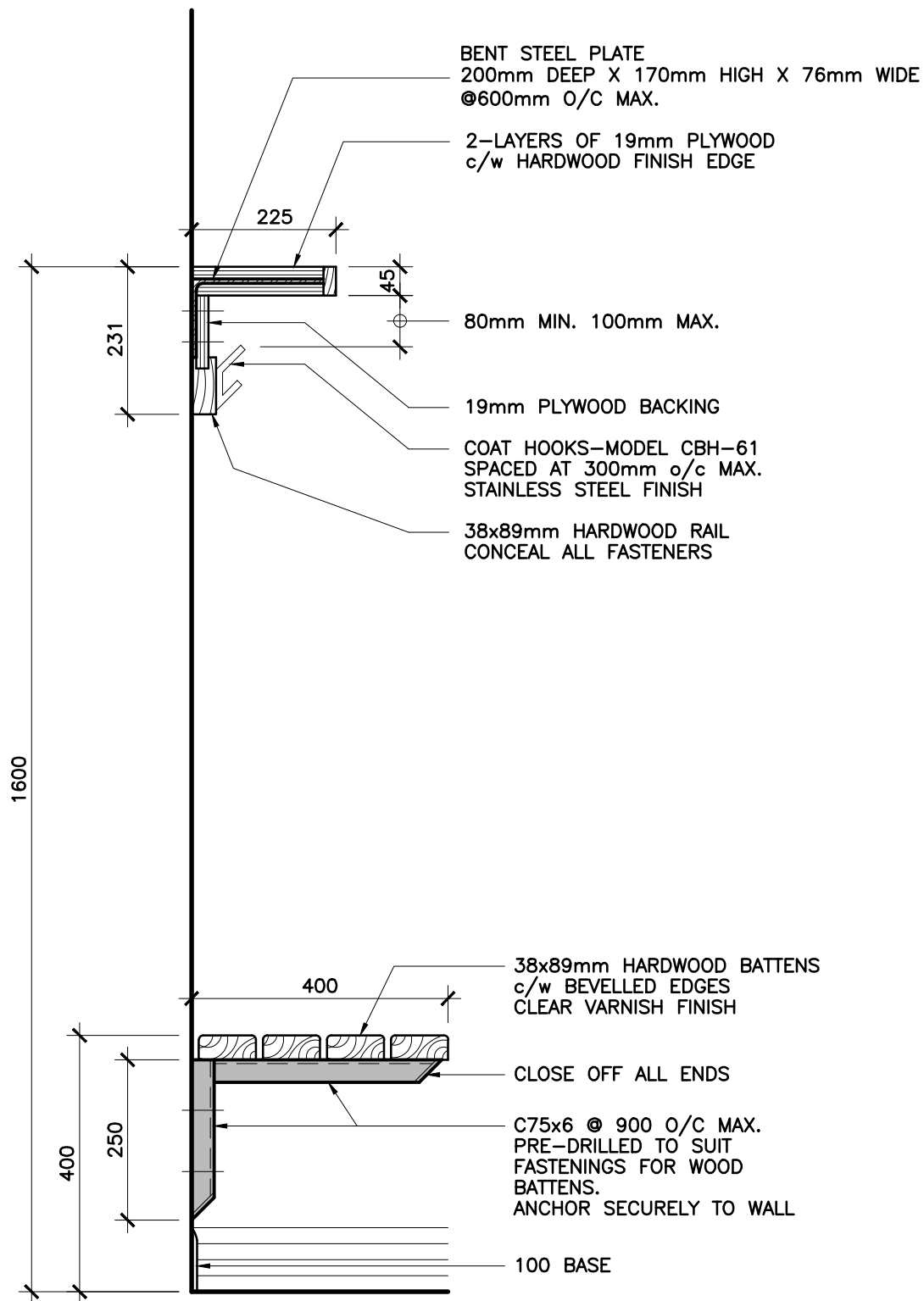


MILLWORK SECTION
TYPICAL MAIL SLOT CABINET

S15

1:10

ARCHITECTURAL WOODWORK



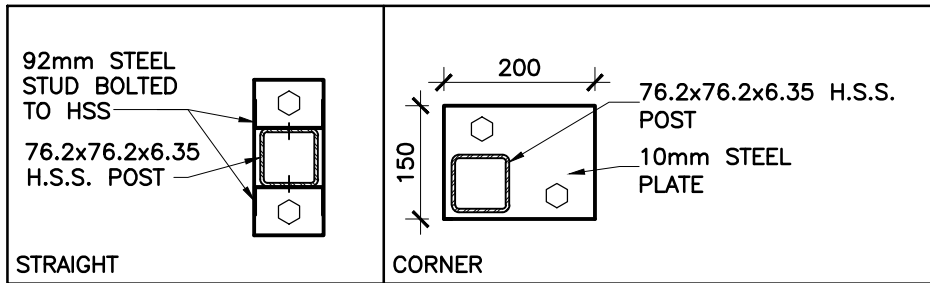
MILLWORK SECTION

TYPICAL CHANGE ROOM BENCH AND SHELF

S16
 TYP.

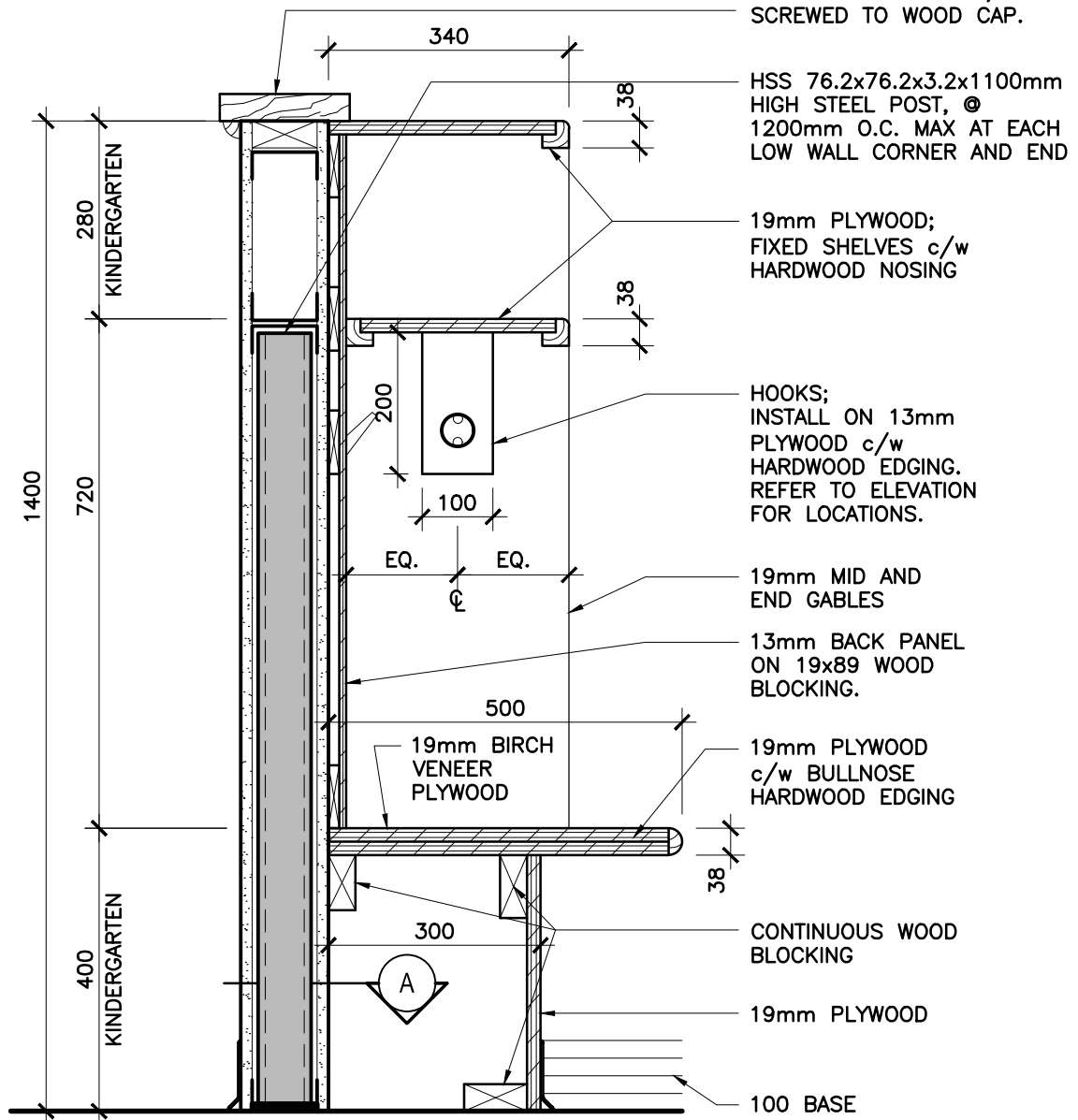
1:10

ARCHITECTURAL WOODWORK



SECTION A

PARTIAL HEIGHT WALLS;
 38x184mm BIRCH WOOD
 CAP c/w 25x25mm BIRCH
 COVE MOULDING TRIM,
 SCREWED TO WOOD CAP.



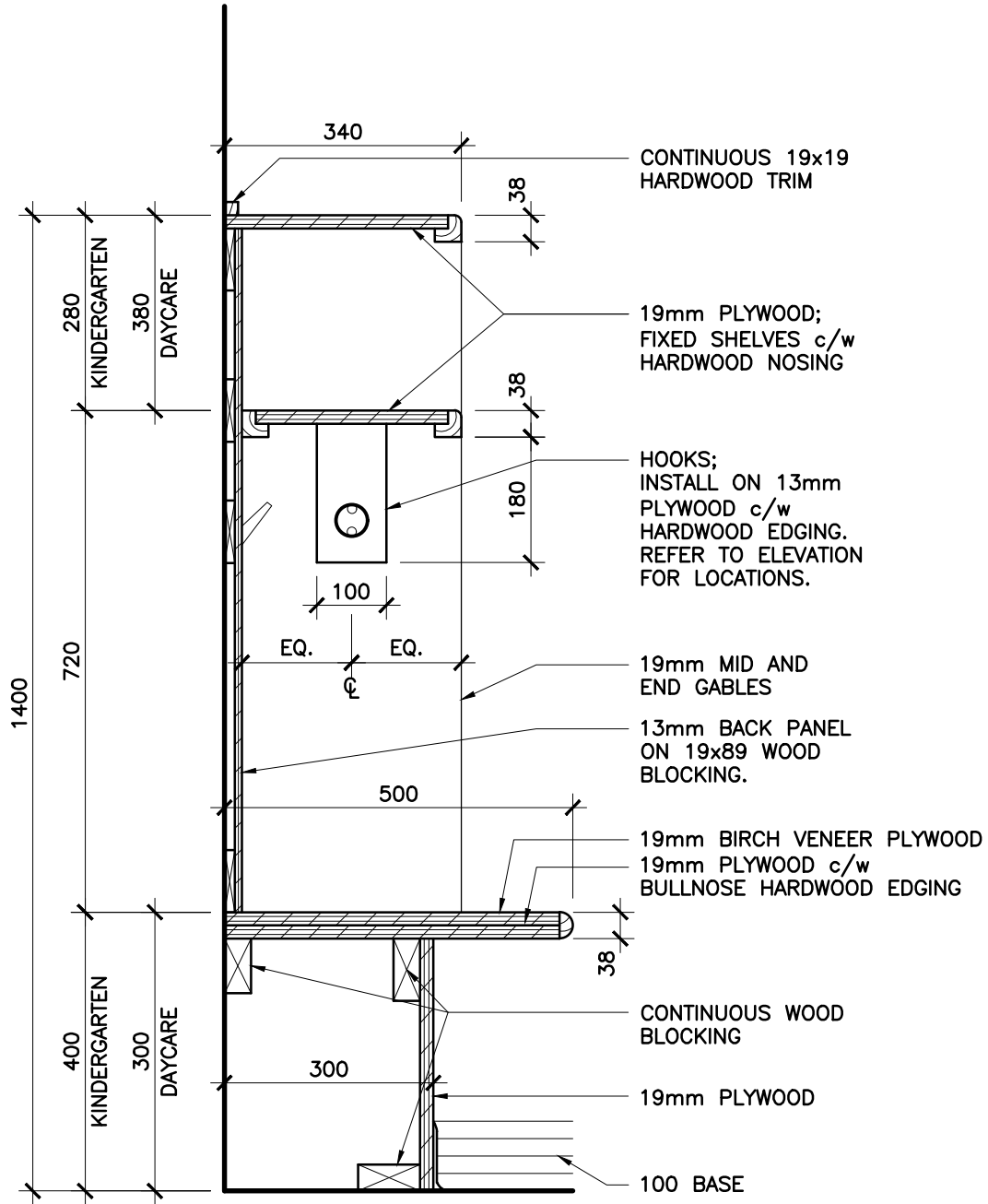
MILLWORK SECTION - PAJE VESTIAIRES 129B, 131B, 132B, 133B

CUBBIES AT LOW WALL

S18
 TYP.

1:10

ARCHITECTURAL WOODWORK



MILLWORK SECTION - PAJE VESTIAIRES 129B, 131B, 132B AND 133B - DAYCARE VESTIAIRES 135, 139A AND 140A

S19
 TYP.

CUBBIES AT FULL WALL

1:10

ARCHITECTURAL WOODWORK



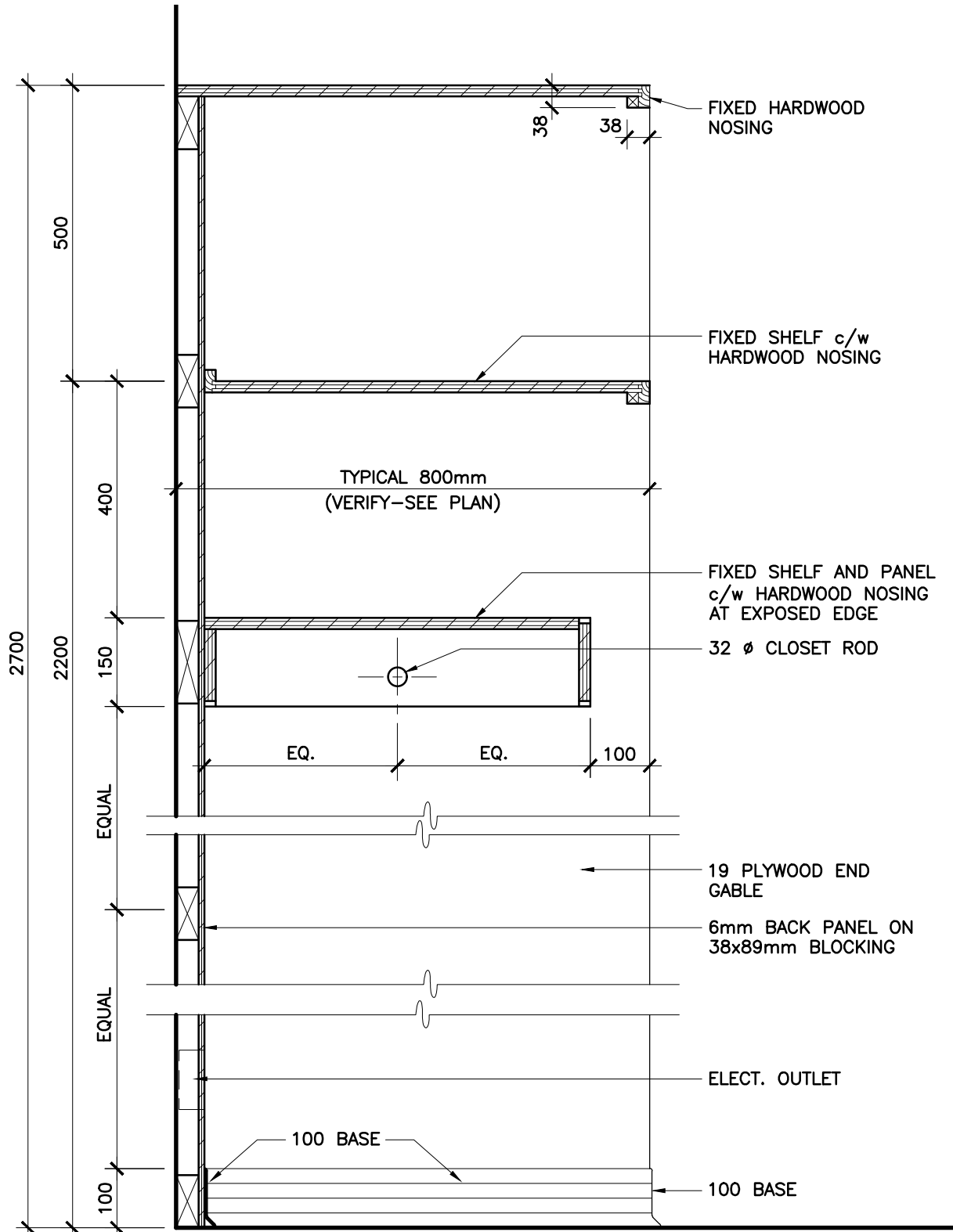
MILLWORK SECTION
NOT USED
N.T.S.

ARCHITECTURAL WOODWORK



MILLWORK SECTION
NOT USED
N.T.S.

ARCHITECTURAL WOODWORK



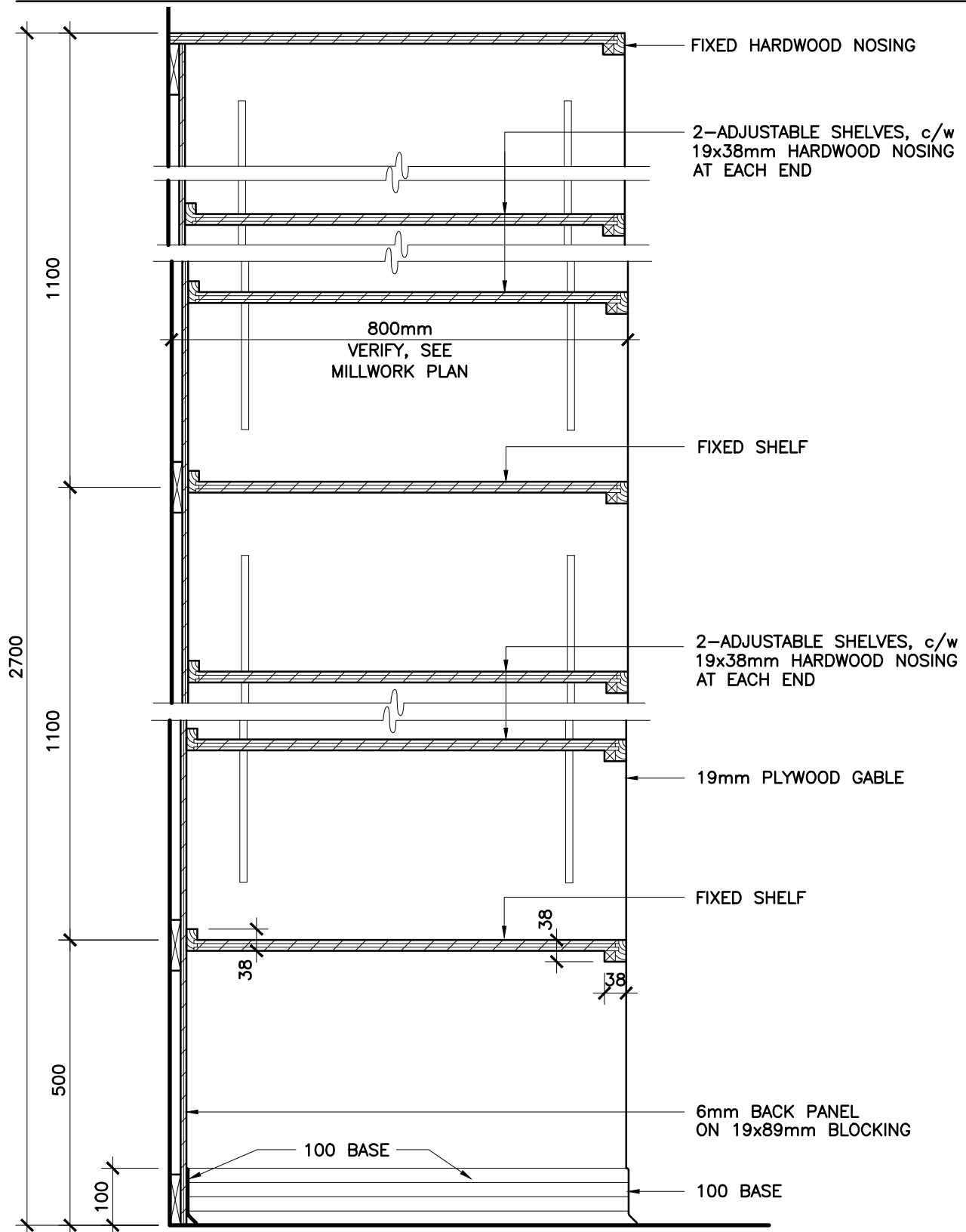
MILLWORK SECTION

JANITOR CLOSET CABINET

S22
 TYP.

1:10

ARCHITECTURAL WOODWORK



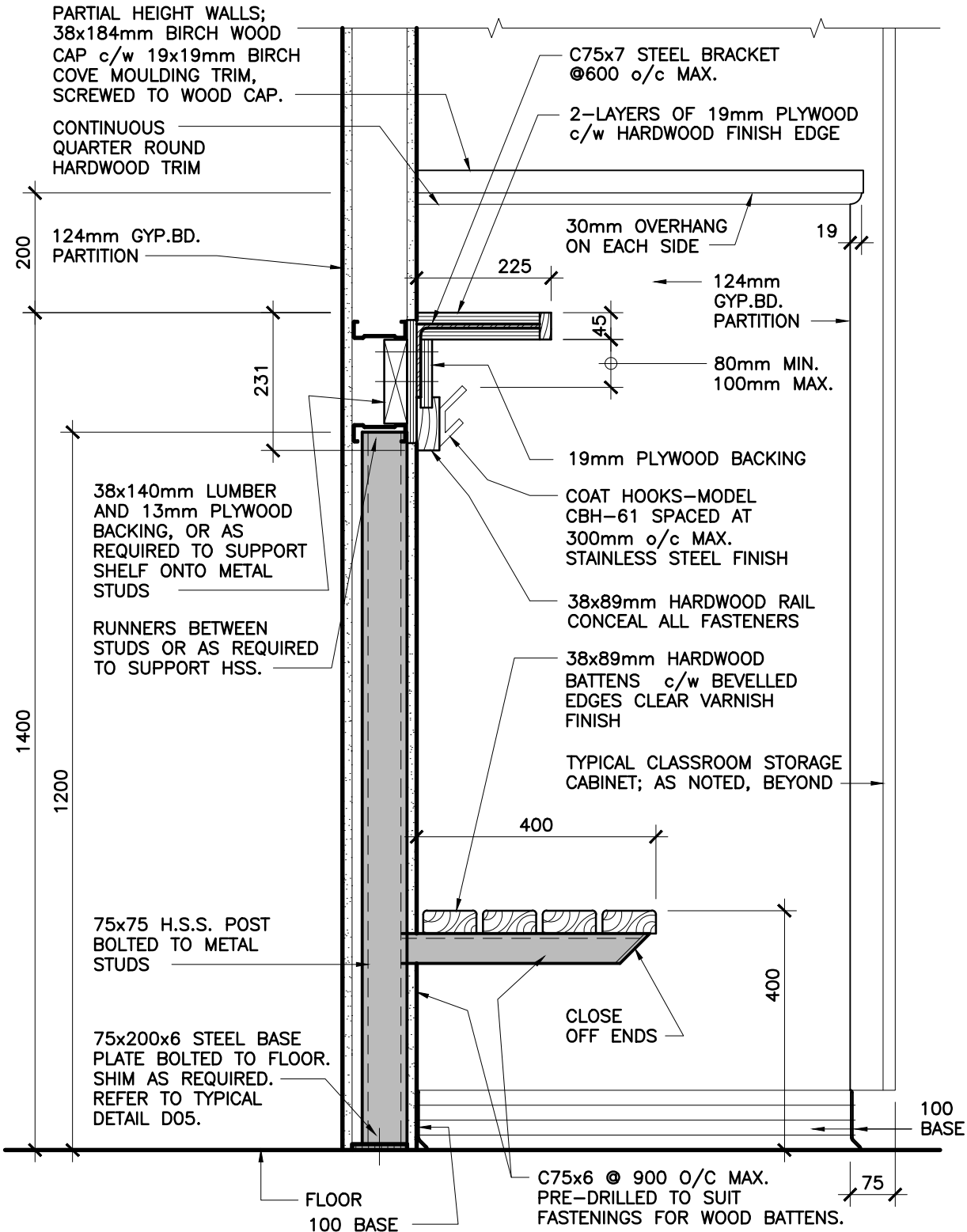
MILLWORK SECTION

JANITOR OPEN SHELVING CABINET

S23
TYP.

1:10

ARCHITECTURAL WOODWORK



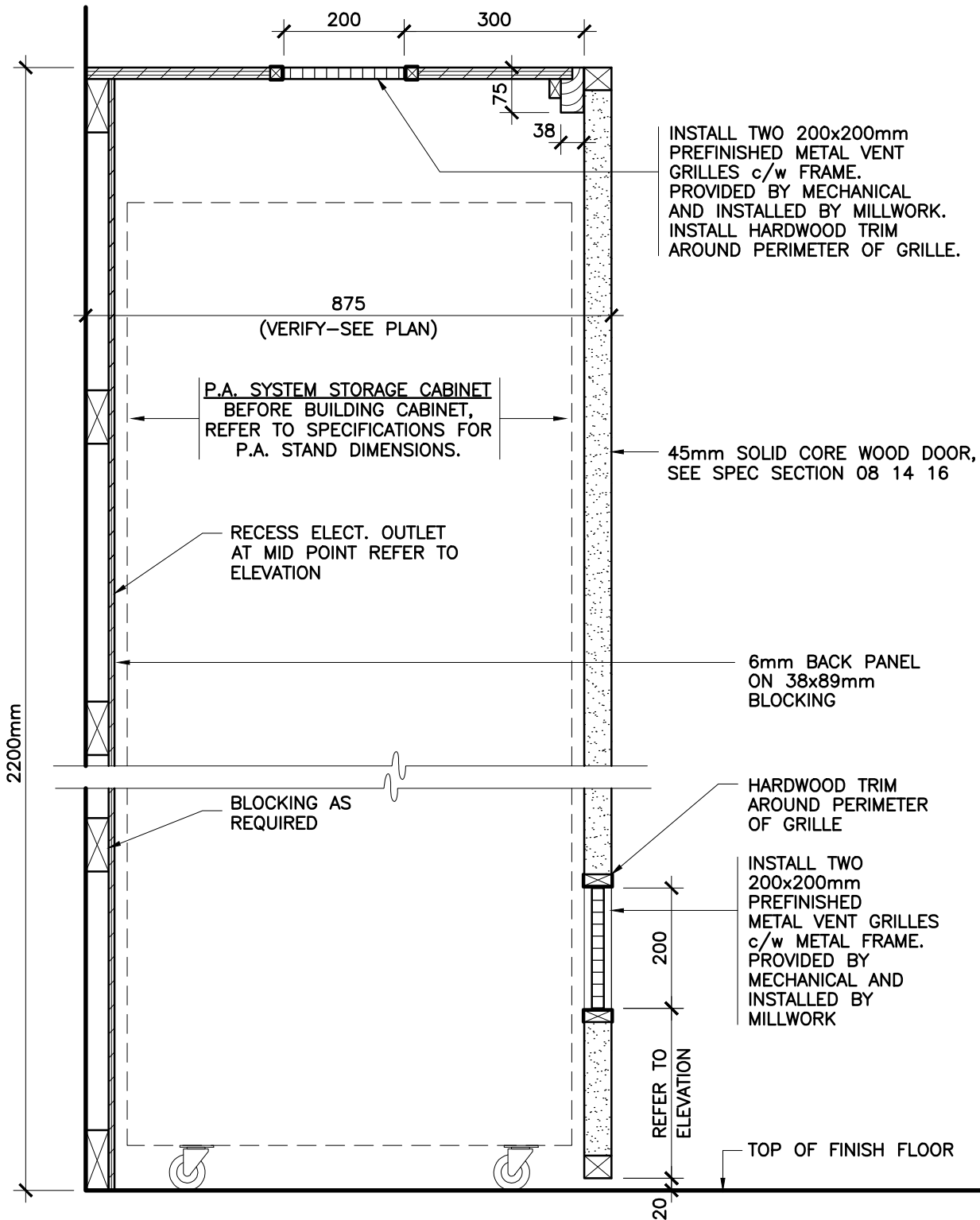
MILLWORK SECTION

TYP. CLASSROOM COAT CUBBIES

S25
 TYP.

1:10

ARCHITECTURAL WOODWORK



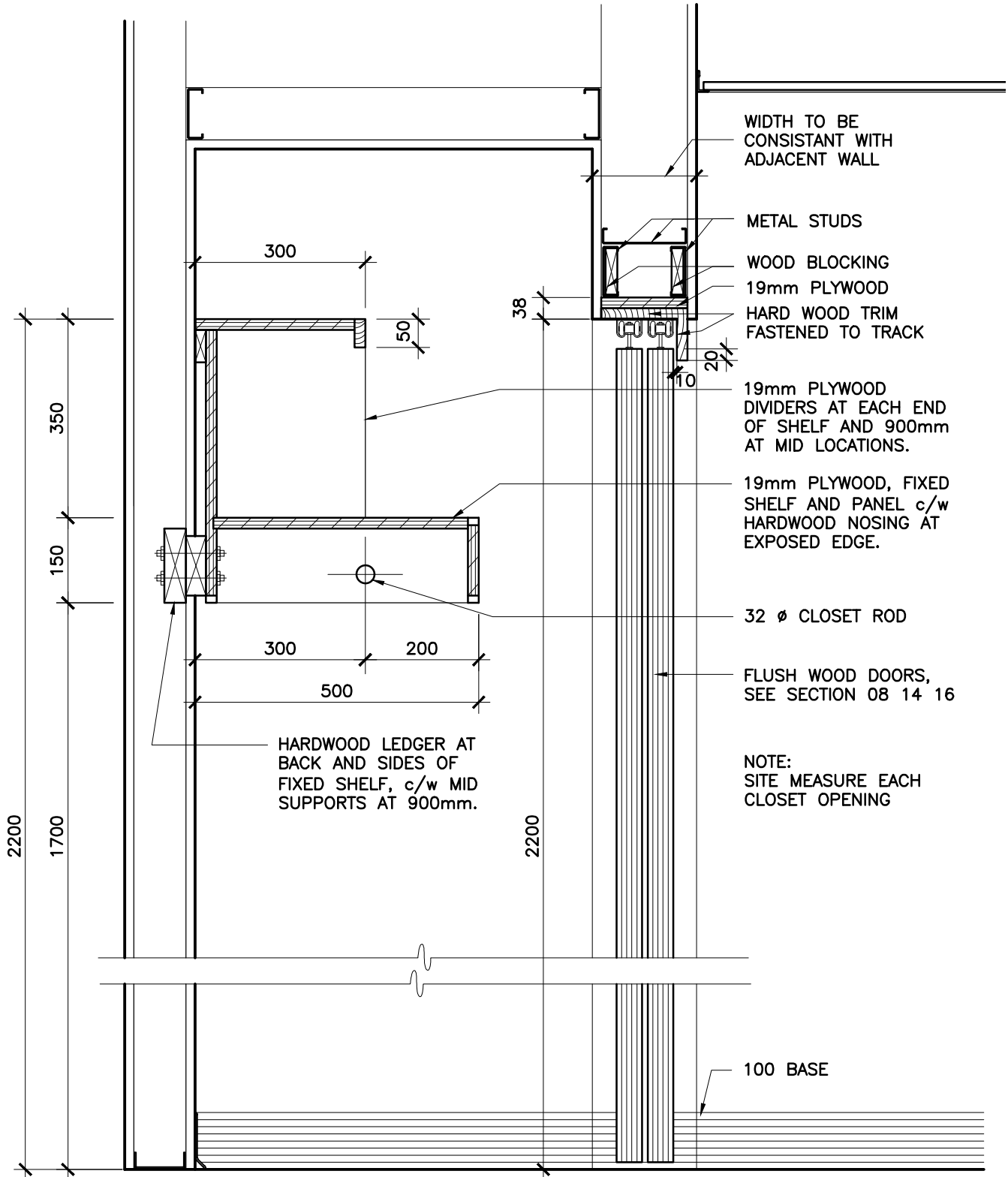
MILLWORK SECTION

S26

P.A. SYSTEM STORAGE CABINET

1:10

ARCHITECTURAL WOODWORK



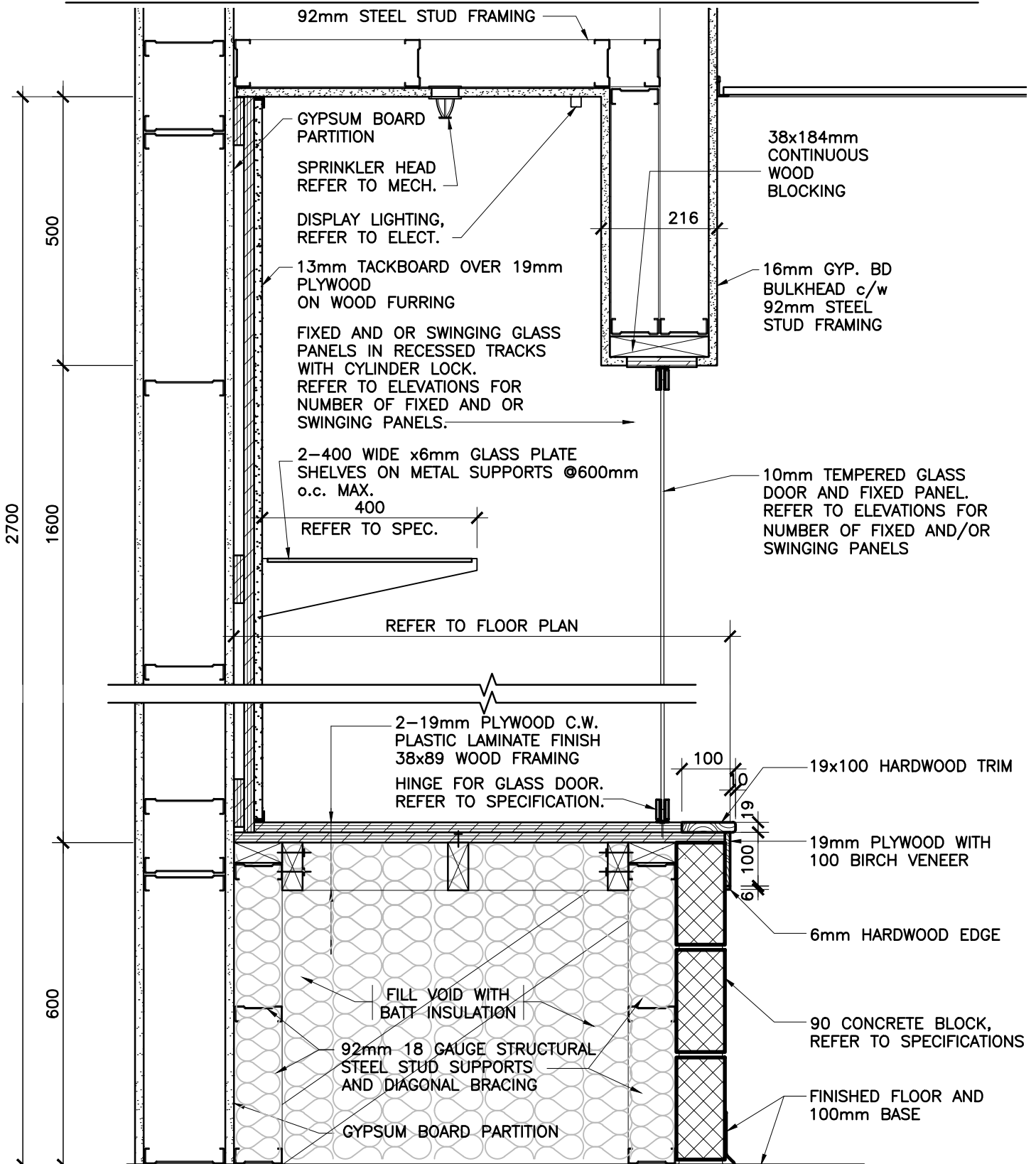
MILLWORK SECTION

S27

COAT CLOSET AND SLIDING DOOR

1:10

ARCHITECTURAL WOODWORK



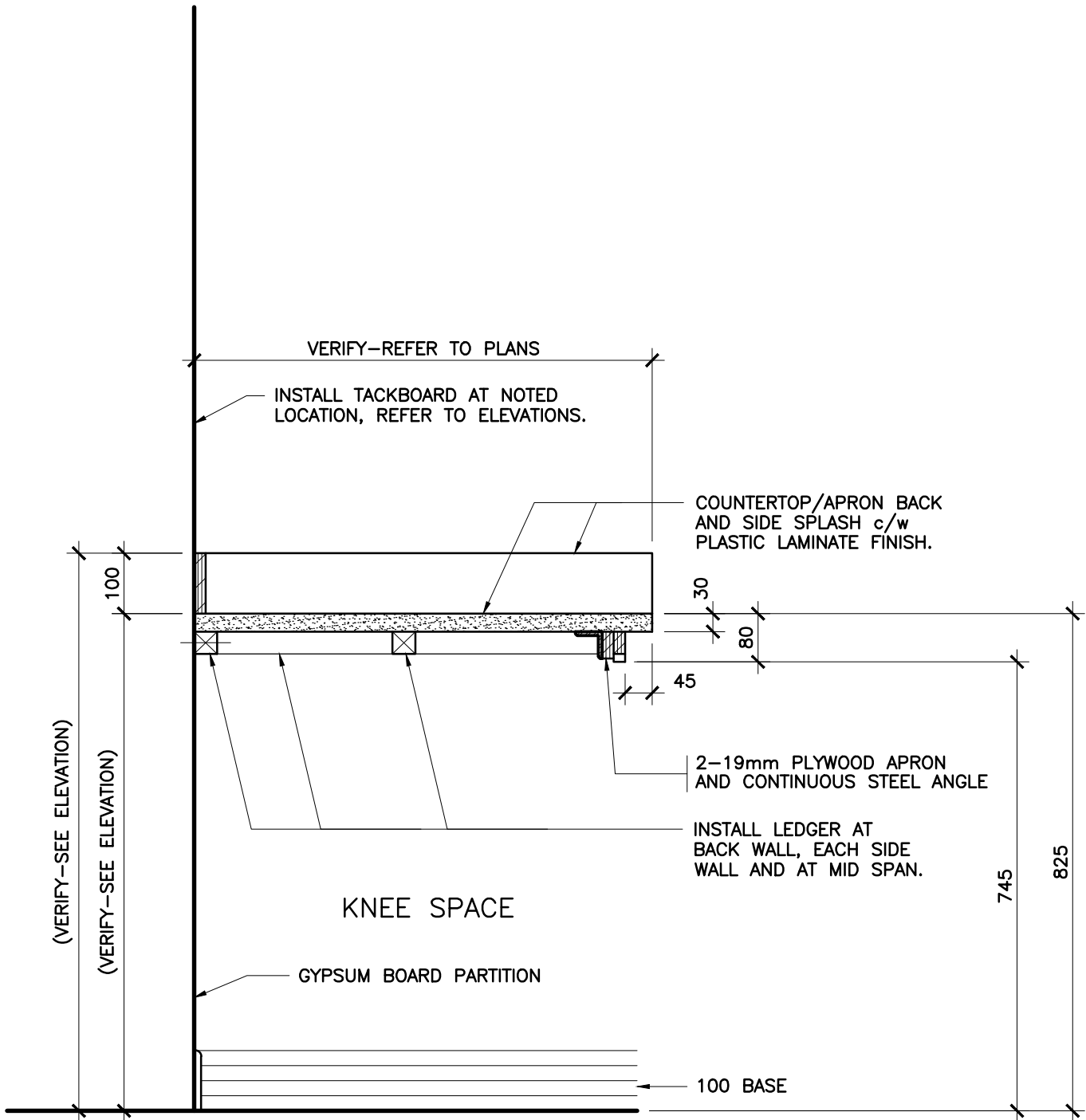
MILLWORK SECTION

DISPLAY CASE

S28

1:10

ARCHITECTURAL WOODWORK



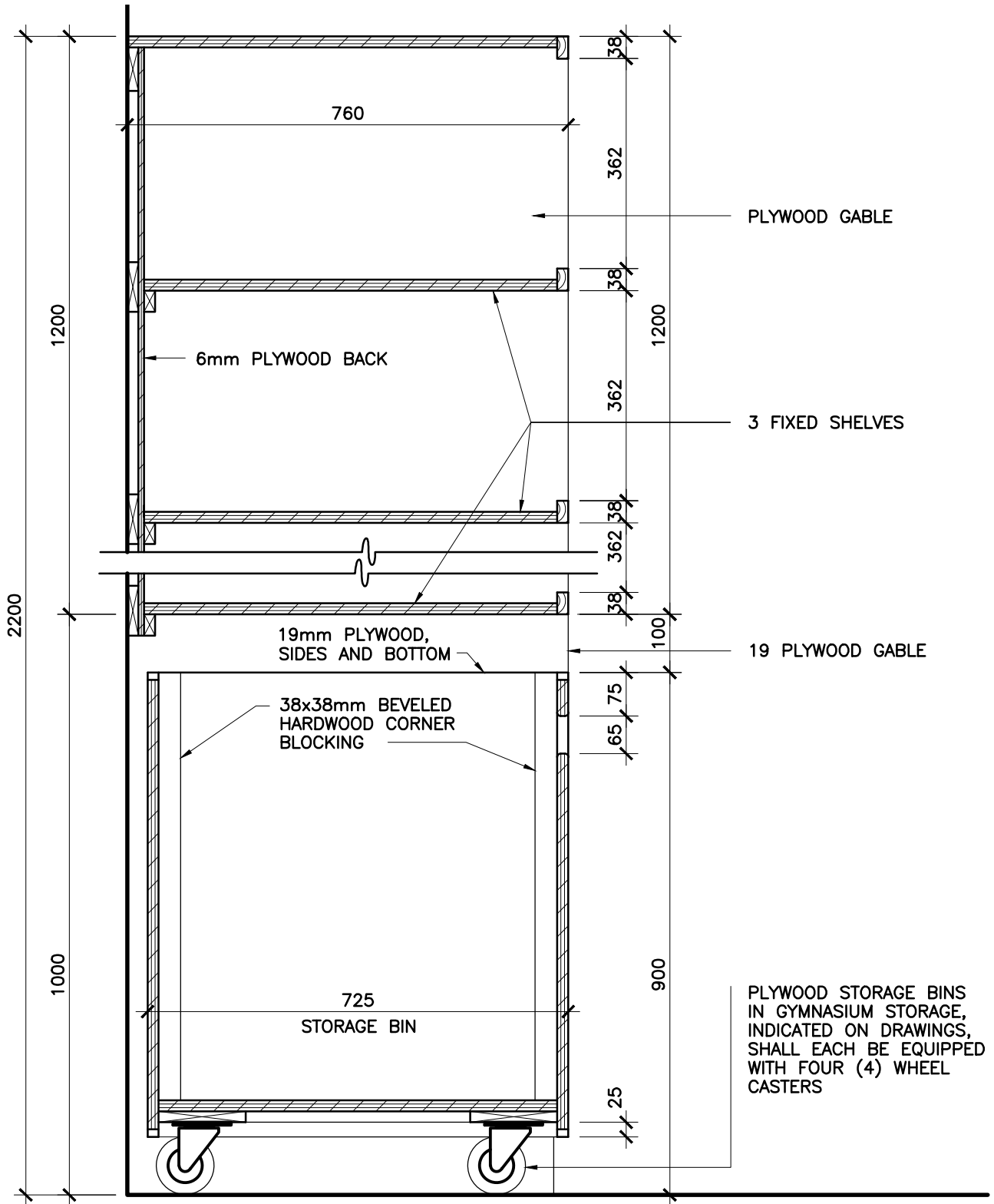
MILLWORK SECTION

S29

WALL COUNTER UNIT

1:10

ARCHITECTURAL WOODWORK



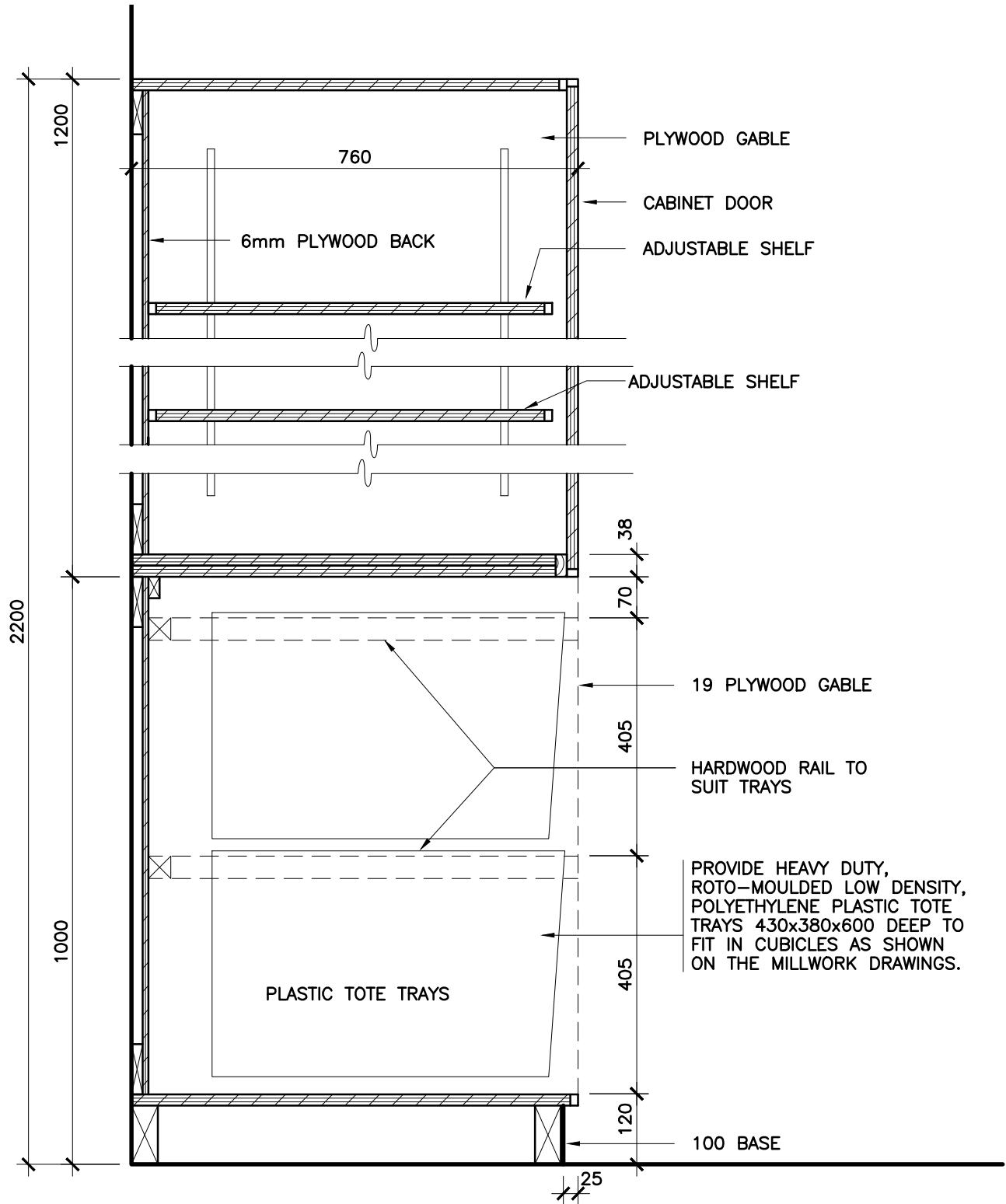
MILLWORK SECTION

S30

GYM - SHELVES AND BIN STORAGE

1:10

ARCHITECTURAL WOODWORK



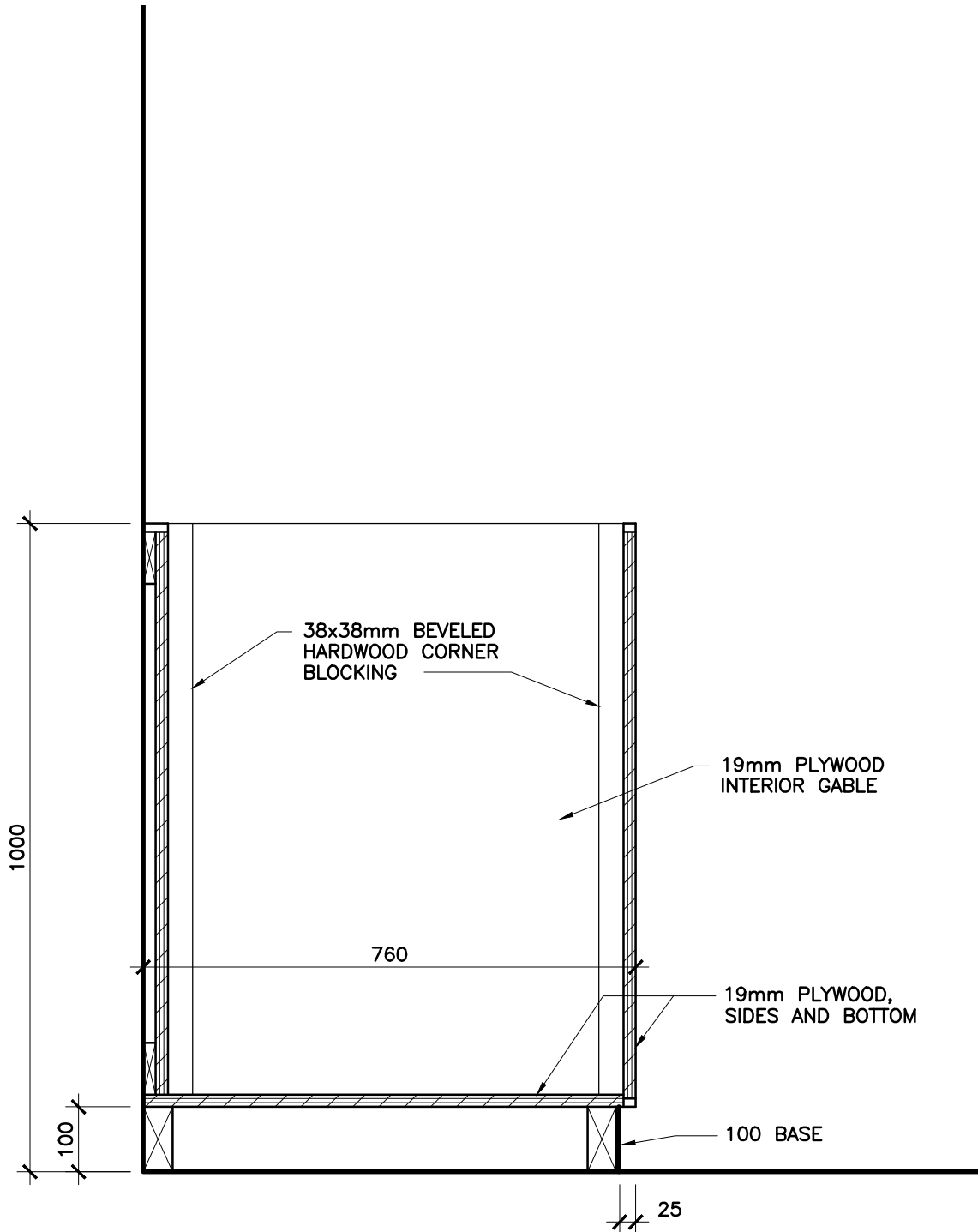
MILLWORK SECTION

S31

GYM - TOTE TRAYS AND STORAGE CABINET

1:10

ARCHITECTURAL WOODWORK

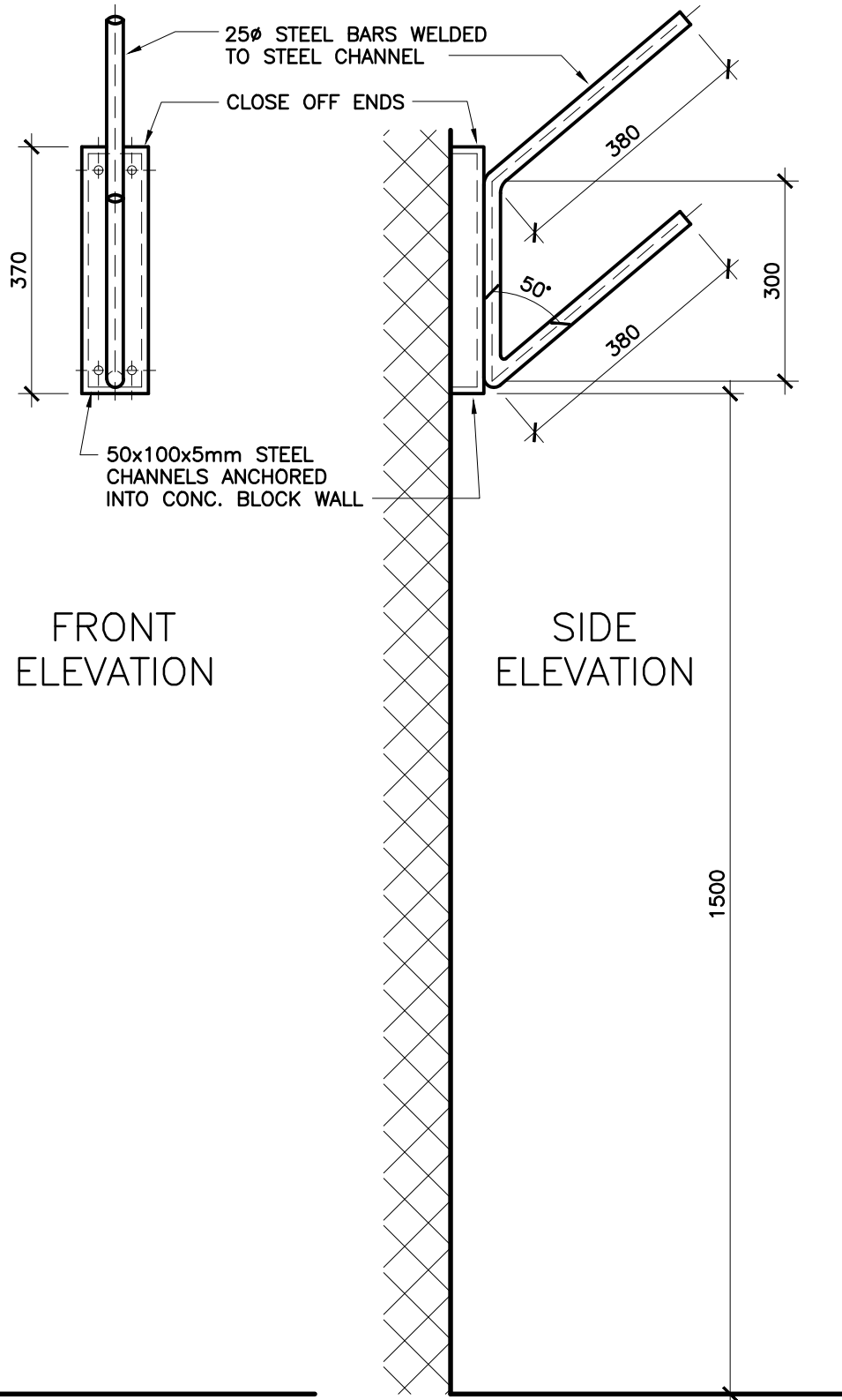


MILLWORK SECTION

S32 GYM - BIN STORAGE

1:10

ARCHITECTURAL WOODWORK



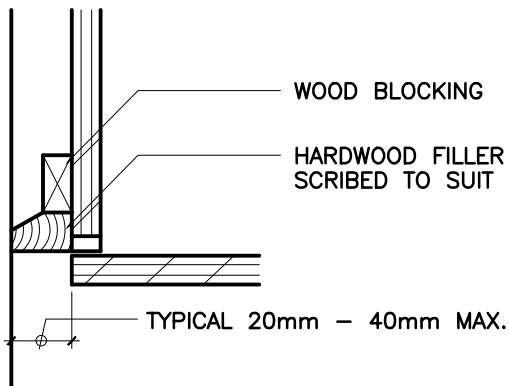
MILLWORK SECTION

S33

MAT HOOKS - GYM STORAGE

1:10

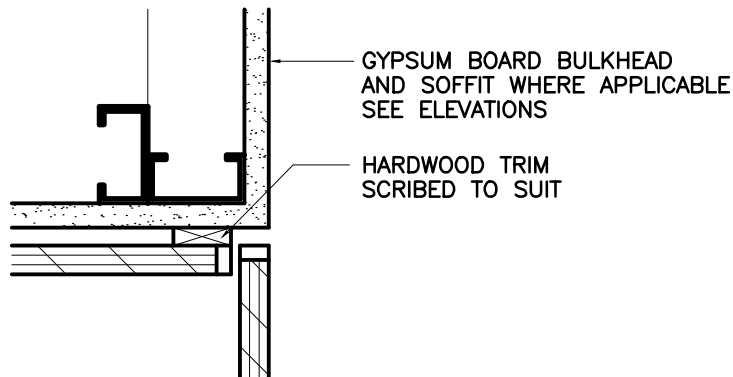
ARCHITECTURAL WOODWORK



PLAN DETAIL

D01 TYP. TYPICAL FILLER AT WALL

1:10



SECTION DETAIL

D02 TYP. TYPICAL FILLER AT BULKHEAD

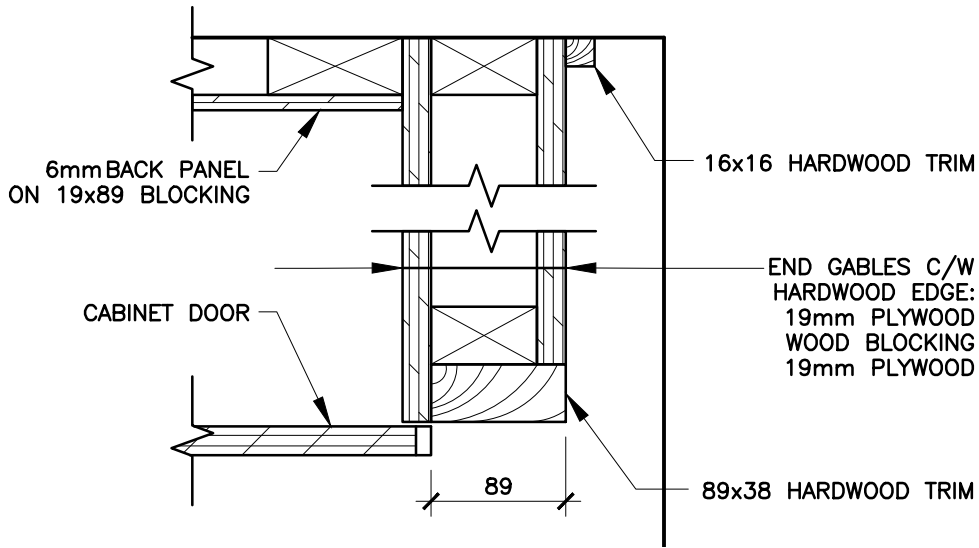
1:10

GENERAL NOTES:

- * PROVIDE SPLASHBACKS AT ALL ADJACENT VERTICAL SURFACES SUCH AS BACKS, SIDES, STRUCTURAL ELEMENTS, ETC.
- * INSIDE CABINET WORK AND LAB TOPS PROVIDE REMOVABLE ACCESS PANELS AS REQUIRED FOR ACCESS TO NEW AND EXISTING MECHANICAL AND ELECTRICAL ITEMS. FOR FULL EXTENT OF REQUIRED WORK SEE MECHANICAL/ELECTRICAL DOCUMENTS.

D03 TYP. GENERAL NOTES

ARCHITECTURAL WOODWORK

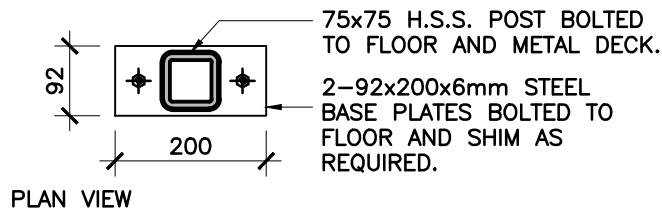
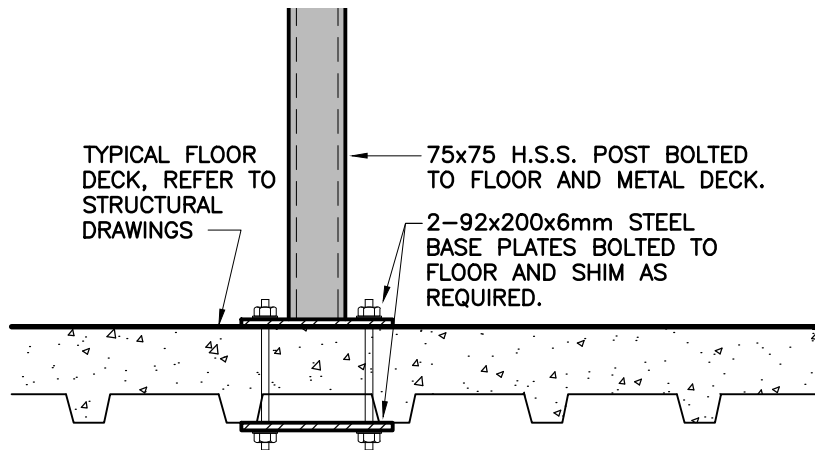


PLAN DETAIL

D04
 TYP.

COTS STORAGE CABINET END GABLE

1:5



D05

TYPICAL DRYWALL HSS POST ANCHOR AT SECOND FLOOR

1:5

CABINET AND MISCELLANEOUS HARDWARE

PART 1 – GENERAL

1.1 RELATED WORK

- .1 Architectural Woodwork Section 06 40 00

1.2 SCOPE

- .1 Supply all listed materials with all fastenings necessary to complete the work to the intent of this section.

1.3 REQUIREMENTS

- .1 The supplier shall verify the suitability of all hardware and advise the Architect of any discrepancies. All hardware installation shall be according to manufacturer's requirements.

1.4 SAMPLES

- .1 Submit samples of all hardware items for review by the Architect.

1.5 KEYING

- .1 All locks shall be provided with two (2) keys each.

PART 2 - PRODUCTS

2.1 REQUIREMENTS

- .1 The following lists the type and quality of hardware to be used on this project. Any deviation from the hardware listed, without first obtaining the Architect's approval, shall be rectified at the Contractor's expense.
- .1 FINISHES: Finish of all plated hardware shall be C32D, brushed stainless steel except where indicated otherwise.
 - .2 QUANTITIES: Quantity and sizes shall be determined from drawings. Locks shall be provided on all cabinet doors, drawers, closets.
 - .3 KEYING: Provide 24 key groups to later selection. NOTE: not all locks within a given room will be keyed alike, 2 groups per room maximum.

2.2 MILLWORK MATERIALS

- .1 UPPER AND LOWER CABINETS WITH 19 mm DOORS
- .1 2 pairs of hinges: Model 91A653 - 170° opening, self-closing. Full overlay by Blum c/w nickel plated zinc die cast hinge cup and screwed wing mounting plate, Model 195H7130.
 - .2 2 pulls: C.B.H. Model 255, 89 mm long, C32D finish.
 - .3 Pilasters: No. 255ZC by K.V., length to suit (recessed).
 - .4 Shelf clips: No. 256 by K.V. (4 per shelf).
 - .5 Door bumper: "Bump On" by 3M - clear rubber.

CABINET AND MISCELLANEOUS HARDWARE

- .6 For Locked Single Door, add:
 - .1 Deadbolt Lock: No. 232.18.304 cylinder module system by Häfele complete with cylinder 210.04.710, Rosette 210.04.070 and strike plate 239.61.337
- .7 For Locked Pair of Doors, add:
 - .1 Cupboard Lock: No. 232.35.303 cylinder module system by Häfele complete with cylinder 210.04.710, Rosette 210.04.070 and strike plate 239.61.337
 - .2 Elbow Catch: No. 245.74.201 by Häfele.
- .8 For Cupboard Doors in excess of 1000 mm in height, add:
 - .1 Intermediate hinges
- .2 **CLOSETS WITH 19 mm DOORS (PAIRS)**
 - .1 3 pairs of hinges: Model 91A653-170° opening, self-closing. Full overlay by Blum c/w nickel plated zinc die cast hinge cup and screwed wing mounting plate, Model 195H7130.
 - .2 2 pulls: C.B.H. Model 240, 102 mm long, C32D finish.
 - .3 Pilasters: No. 255ZC by K.V., length to suit (recessed).
 - .4 Closet Rods: No. 770-5 CHR 1 5/16" by K.V., length to suit.
 - .5 Rod flanges: No. 764 CHR (2 per rod).
 - .6 Elbow Catches: No. 245.74.201 by Häfele.
 - .7 Door bumpers: "Bump On" by 3M - clear rubber.
 - .8 For Locked Single Door, add:
 - .1 Deadbolt Lock: No. 232.18.304 cylinder module system by Häfele complete with cylinder 210.04.710, Rosette 210.04.070 and strike plate 239.61.337.
 - .9 For Locked Pair of Doors, add:
 - .1 Cupboard Lock: No. 232.18.304 cylinder module system by Häfele complete with cylinder 210.04.710, Rosette 210.04.070 and strike plate 239.61.337.
 - .2 Surface Bolt: Model No. X-123N by Selby.
 - .10 For Closet Doors of 2200 mm Height, add:
 - .1 Two (2) intermediate hinges.
- 2.3 CLOSETS WITH 45 mm SOLID CORE DOORS**
 - .1 Hinges: Continuous piano hinge, 50 mm width by 1.25 thickness C15.
 - .2 Pulls: C.B.H. Model 240, 102 mm long, C32D finish.
 - .3 Shelf Support: Where shown on drawings.
 - .1 "Contour" system by Roll-It.
 - .2 Shelf Support Rail: 01550BG120, 14-gauge, length to suit (splice joiner plates not permitted).
 - .3 Outrigger Clips: 01573BC (2 per rail).
 - .4 Standards: 00800BZ (14-gauge), length to suit (recessed).

CABINET AND MISCELLANEOUS HARDWARE

- .5 Elbow catches: No. 245.74.201 by Häfele.
- .6 Door Bumper: "Bump-On" by 3M - clear rubber.
- .7 For Locked Pair of Doors, add:
 - .1 Cylindrical Deadlock: Sargent 486 x 1/2" cylinder to key schedule c/w 404 strike plate.
 - .3 1 pair of surface bolts (top and bottom): No. 40 by Ives, C26D finish.
 - .5 Top Bolts: 305 mm long.
 - .6 Bottom Bolts: 102 mm long.

2.4 DRAWERS – WITH FRONTS UP TO 500 mm IN WIDTH

- .1 1 pair of drawer slides: Model BS 230M, by Blum (length to suit).
- .2 1 pull: C.B.H. Model 255, 89 mm long, C32D finish.
- .3 1 drawer bumper: "Bump-On" by 3M - clear rubber.
- .4 For Locked Drawers, add:
 - .1 Drawer Lock: No. 232.18.313 cylinder module system by Häfele complete with cylinder 210.04.710, Rosette 210.04.070 and strike plate.

2.5 ADJUSTABLE SHELVING STANDARDS

- .1 Pilasters: No. 255 ZC by K.V., length to suit (recessed).
- .2 Shelf Clips: No. 256 by K.V.
OR
- .1 Standards: No. 87 ANO by K.V. length to suit
- .2 Brackets: No. 187 ANO, length 16" by K.V. c/w shelf rests, No. 211 ANO and 212 ANO

2.6 EXTRA HEAVY-DUTY ADJUSTABLE SHELVING

- .1 Where shown on drawing by Knape & Vogt Manufacturing Co.
 - .1 Standards 87, length to suit for spacing, see drawings.
 - .2 Brackets 187SS 609 mm, 300 mm, 450 mm and 600 mm long.
 - .3 Supply additional ten (10) spare brackets each size.
 - .4 Shelf rests type 210 and 211, quantity to suit.

2.7 GROMMETS

- .1 Typical Grommet: Cable sets equal to stainless steel No. 20694170, 74.5 mm dia. by Richelieu. Quantity as indicated on Drawings.

2.8 GYMNASIUM STORAGE BINS

- .1 Gymnasium storage bins casters (4 for each bin): rubber non-marking swivel. Model No. H-5537, size 102 mm x 32 mm as manufactured by Uline Canada.

CABINET AND MISCELLANEOUS HARDWARE

2.9 DISPLAY CASES WITH GLASS DOORS

- .1 Display Cases with glass doors - Heavy Duty adjustable shelving.
- .2 Standards: No. 87 ANO by K.V.
- .3 Shelf Brackets: No. 187 ANO lengths as indicated on Drawings, c/w rests front and back, No. 104P c/w rubber cushions 129, all by K.V. Supply additional (10) spare brackets.
- .4 Glass Doors Hinges: Glass to Glass door hinge, three (3) per door, C.R. Laurence Cat No. GEN180PN, polished nickel.
- .5 Door Pull: Single sided door pull, C.R. Laurence Cat No. SDK206PN, polished nickel.
- .6 Glass Door Stop: C.R. Laurence 1NT307PS. Polished stainless steel.
- .7 Lock: Chrome plated lock for 10 mm glass, C.R. Laurence Cat No. EH98KA Chrome Cam Lock by CRL, c/w strike plate, keyed alike for each display case.
- .8 Channel Rail for Recessed, stainless steel channel, sized to suit. Fixed Glazing

2.10 LOCKER COMPARTMENTS (CUBBIES) IN DAYCARE ROOMS (VESTIAIRES)

- .1 Coat Hooks: Three (3) per Cubbie: C.B.H. Model No. 61, stainless steel construction.

2.11 COAT HOOKS IN GYMNASSE VESTIAIRES – ROOM 109 AND 110

- .1 Coat Hooks: C.B.H. Model No. 61, stainless steel construction

2.12 MISCELLANEOUS HARDWARE ITEMS

- .1 To be determined from drawings and millwork details. To suit conditions as required and to the satisfaction of the Architect.

PART 3 - EXECUTION

3.1 PACKAGING AND STORAGE

- .1 All finishing hardware shall be delivered in factory packages clearly labelled as to contents and intended location.

3.2 INSTRUCTIONS

- .1 Obtain all necessary templates and instructions, and supply to millwork contractor.

END OF SECTION

PLASTIC LAMINATE FINISHING

PART 1 - GENERAL

1.1 RELATED WORK

- .1 Architectural Woodwork Section 06 40 00

1.2 REFERENCE STANDARDS

- .1 CSA Group (CSA)
.1 CSA O112-M Series 1977 (R2006), Standards for Wood Adhesives.

1.3 SAMPLES

- .1 Submit duplicate samples of joints, edging and cutouts in accordance with Section 01 33 00.

1.4 MAINTENANCE DATA

- .1 Provide maintenance data for plastic laminate work for incorporation into Operation and Maintenance Manual specified in Section 01 73 10.

1.5 PRODUCT HANDLING

- .1 Cover finished laminated plastic surfaces with heavy kraft paper or put in cartons during shipment. Protect installed laminated surfaces by approved means. Do not remove until immediately before final inspection.
- .2 Do not store or install materials in areas where relative humidity is less than 25% or greater than 60% at 22°C.
- .3 Shop assemble work for delivery to site in size easily handled and to assure passage through building openings.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Laminated plastic for flatwork: to NEMA LD 3, grade HGS, 1.2 mm thick, based on full solid or printed pattern colour range by Formica, Wilsonart, and Arborite with full range of finish. Allow for ten (10) colours.
- .2 Laminated plastic liner sheet: supplied by same manufacturer as facing sheet, not less than 0.76 mm thick, white colour.
- .3 Colour shall be selected from the manufacturer's range of colours.
- .4 Backing shall be same thickness.
- .5 Laminated plastic adhesive: urea resin adhesive to CSA O112.10.
- .6 Sealer: water resistant sealer or glue acceptable to laminate manufacturer.
- .7 Sealant: in accordance with Section 07 92 00, colour shall be selected later by Architect.

PLASTIC LAMINATE FINISHING

2.2 SHOP FABRICATION

- .1 Comply with NEMA LD 3, Annex A.
- .2 Obtain governing dimensions before fabricating items which are to accommodate or abut appliances, equipment and other materials.
- .3 Ensure adjacent parts of continuous laminate work match in colour and pattern.
- .4 Veneer laminated plastic to core material in accordance with adhesive manufacturer's instructions. Ensure core and laminate profiles coincide to provide continuous support and bond over entire surface. Use continuous lengths up to 3000 mm. Keep joints 600 mm from sink cut-outs.
- .5 Use straight self edging laminate strip for flatwork to cover exposed edge of core material. Chamfer exposed edges uniformly at approximately 20°. Do not mitre laminate edges.
- .6 Apply laminated plastic liner sheet to interior of cabinetwork where indicated on cabinet details.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Install work plumb, true and square, neatly scribed to adjoining surfaces.
- .2 Make allowances around perimeter where fixed objects pass through or project into laminated plastic work to permit normal movement without restriction.
- .3 Use draw bolts and splines in countertop joints. Maximum spacing 450 mm O.C., 75 mm from edge. Make flush hairline joints.
- .4 Provide cutouts for inserts, grilles, appliances, outlet boxes and other penetrations. Round internal corners, chamfer edges and seal exposed core.
- .5 At junction of laminated plastic counter back splash and adjacent wall finish, apply small bead of sealant.

END OF SECTION