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Correctional Service
Canada

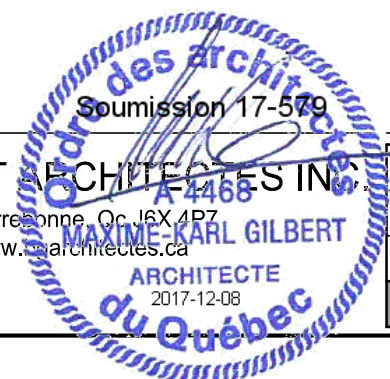
Service correctionnel
Canada



352-2710-D3



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Nom Projet / Project name		Client / Client		Project no.		Sheet/Detail	
SCC 550 - Rempl. de lave-vaisselle bâtiment D-3		SCC		17-579		A-00	
Nom Feuille / Sheet name		Drafted by:		Approved by:		Date:	
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01 DRAWING SYMBOLS LEGEND

TITLE BUBBLE

DETAIL NAME: BULLE TITRE
DRAWING SCALE: SCALE 1:250
PAGE NO.: 01

ADDENDUM TAG
88 ADD.8
ADDENDUM PAGE NO.: 88
ADDENDUM NO.: 88

CONSTRUCTION NOTE
88
NOTE NO.: 88

DEMOLITION NOTE
88
NOTE NO.: 88

ROOM TAG
001
ROOM NO.: 001
ROOM NAME: Nom du Local
ROOM AREA: Superficie

AXE TAG
AXE
AXE NO.: AXE
HATCHED BACKGROUND: EXISTING AXE

ELEVATION MARKER
01 A-01
ELEVATION NO.: 01
ELEVATION PAGE NO.: A-01

CROSS SECTION
01 A-01
SECTION NO.: 01
SECTION PAGE NO.: A-01

COMPOSITION TAG
C1
TAG NO.: C1

PLAN LEVEL
10 000
LEVEL: 10 000
HATCHED BACKGROUND: EXISTING LEVEL
Plancher
LEVEL NAME: Plancher

U.O.S.
UNLESS OTHERWISE SPECIFIED
CROSS SECTION LEVEL

LEVEL
10 000
LEVEL: 10 000
LEVEL NAME: PLAFOND
R-D-C
HATCHED BACKGROUND: EXISTING LEVEL

02 GRAPHICAL REPRESENTATIONS

DEMOLITION / CONSTRUCTION PLAN

NOT UNDER CONTRACT

EXISTING INTERIOR WALL

AXE

DEMOLITION

DIMENSION: 45

EXISTING DOOR AND FRAME

CEILING PLAN

NOT UNDER CONTRACT

GYPSUM CEILING

STAINLESS STEEL CEILING

LIGHTING FIXTURE, SEE NOTES

FLOOR FINISHES PLAN

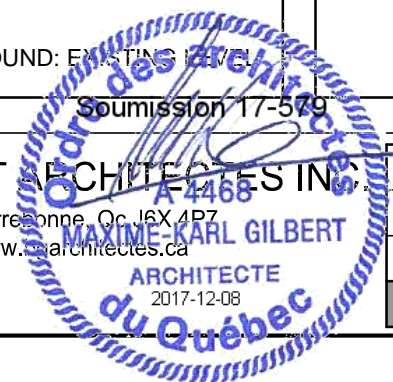
EPOXY SEALANT

03 GENERAL NOTES

- THE CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY OMISSIONS, ERRORS OR CONTRADICTIONS ON THE PLANS BEFORE STARTING THE WORK.
- AT NO TIME MUST MEASURES BE TAKEN FROM THE PLANS. YOU MUST REFER TO THE DIMENSIONS SUPPLIED BY THE PROFESSIONALS.
- THE CONTRACTOR MUST BEFOREHAND VALIDATE, WITH THE EXISTING CONDITIONS, ALL DIMENSIONS, LEVELS AND ANY OTHER INFORMATION INDICATED ON THE PLANS BEFORE STARTING TO WORK.
- THE CONTRACTOR MUST CONFORM TO ALL REGULATIONS OF THE 2014 FEDERAL CORRECTIONAL FACILITIES DEVELOPMENT GUIDE AND OF THE 2014 CORRECTIONAL FACILITIES TECHNICAL CRITERIA GUIDE.
- FOR ALL MECHANICAL, ELECTRICAL AND STRUCTURAL ELEMENTS, THE CONTRACTOR MUST REFER TO THE ENGINEER DOCUMENTS.
- THE CONTRACTOR MUST REFER TO THE ENGINEER'S DOCUMENTS FOR THE NUMBER, THE DIMENSIONS AND LOCATIONS OF OPENINGS PERTAINING TO MECHANICAL AND ELECTRICAL ELEMENTS.
- THE CONTRACTOR MUST ENSURE FIREPROOFING INTEGRITY BETWEEN THE ELEMENTS REQUIRING FIRE RESISTANCE.
- THE CONTRACTOR MUST ENSURE FIREPROOFING WHEN CREATING AN OPENING IN A WALL OR A FIRE RESISTANT ELEMENT.
- ALL INTERIOR WALLS ARE OF TYPE C-1 SLAB TO SLAB UNLESS INDICATED OTHERWISE.
- PLANS AND ESTIMATES GO HAND IN HAND.
- ALL WORK TASKS MUST BE COMPLETED BY THE BOOK AND ACCORDING TO THE SUPPLIED PLANS AND ESTIMATES.
- THE GENERAL CONTRACTOR MUST COORDINATE WITH THE OWNER THE LOCATION AND THE TYPE OF INSTALLATION / TEMPORARY PROTECTION DURING CONSTRUCTION.
- THE GENERAL CONTRACTOR MUST COORDINATE THE WORK WITH THE OWNER SO THAT OPERATIONS ARE NOT IMPAIRED DURING CONSTRUCTION.



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SUMMARY TECHNICAL PROPOSAL:

Project classification:

All work must be done in compliance with the 2014 Federal Correctional Facilities Development Guide and the 2014 Correctional Facilities Technical Criteria Guid requirements. These guides have precedence over this technical proposal and plans.

Functional Area: G2 - Food Service
Security Level: Medium Security Institution
Construction Security: Type 2

Division 0 - Additional General Conditions:

The contractor cannot and must not in any circumstance submit a quote based on replacement products that have not been approved by the architect, unless an addendum has been emitted before the closing of the quoting period. The contractor will be able to present his product replacement proposals prior to the 5 days preceding the end of the quoting period. No proposals will be considered after this time limit. For this purpose, the contractor will be required to provide written documentation indicating that the product meet or surpass the proposal requirements, for lack of which the proposal will be rejected. The architect reserves the right to refuse any and all products and clears himself of all responsibility for the use of unspecified products without his written approval.

The contractor will issue a 2-year written guarantee in the name of the owner against defects in materials and workmanship for all work. See also other required guarantees specified more specifically in this proposal.

The contractor is responsible for ensuring the safety of the premises at all times.

The contractor must validate all dimensions on the construction site and notify the architect of any errors or omissions.

Section 01 11 00 - Work Summary:

The work covered by this contract includes, without being limited to, the work of redesign for the following project:

Name: SCC 550 - Dishwasher Replacement building D-3
Address: 321 Chemin de l'Aéroport, La Macaza, QC
Owner Name: SCC

The contractor will have to coordinate all his activities with those of the Owner. If necessary, plan to work on several shifts. If required, the contractor will be required to construct dust barriers in the various work areas to limit the spread and will be responsible for the daily and final cleaning of the work site.

Section 01 32 17 - Work Schedule:

The duration of the work is approximately 6 weeks once the contract is granted.

Section 01 33 00 - Documents and Samples to Submit:

L'entrepreneur fournira pour approbation à l'architecte les dessins d'ateliers et les fiches techniques demandés (une copie électronique en format pdf), ainsi que des échantillons de produits et d'ouvrages selon la liste fournie par l'architecte et plus spécifiquement indiqué sur les plans, et ce, dans les 5 jours ouvrables suivant la date d'attribution du contrat.

Section 01 35 15 - Environmental Protection, Regulatory Requirements :

Fires and burning of garbage on site are not allowed. It is prohibited to bury garbage and waste materials on the construction site, to dispose of waste materials or volatile materials such as mineral spirits and oil or paint thinners by spilling them into waterways or storm and sanitary sewers.

Comply with the requirements of the 2014 Federal Correctional Facilities Development Guide, the 2014 Correctional Facilities Technical Criteria Guide, the National Building Code of Canada (NBC) and the Quebec Building Code, Chapter 1, and any other standards, federal, provincial and municipal laws or regulations in effect with respect to the work site location as per their most recent revision. It is forbidden to smoke on the construction site.

Section 01 35 30 - Health and Security:

Comply with applicable laws, codes, standards and regulations:
1- The Canada Labor Code, Part 2, Occupational Safety and Health Regulations.
2- The Act Respecting Occupational Health and Safety, L.R.Q. 1997 including the safety code for construction works and the regulation on industrial and commercial establishments.
3- The Act Respecting Industrial Accidents and Occupational Diseases, L.R.Q., before commencing any work on the construction site, the contractor will prepare a site-specific health and safety plan based on a risk assessment. This plan will remain in effect until the end of the work.

Section 01 45 00 - Quality Control:

Notify the architect and engineers to allow the inspection of the work before covering or concealing it , such as:
Waterproof membranes, self-adhesive membranes, seals and insulation of walls and openings, nailing bases, foundation, framing and electromechanical work. The architect may ask to uncover any work that has been covered before inspection.

The owner will be responsible for commissioning a testing and inspection laboratory for the compaction and nature of the soil and granular materials, the concrete mix and its compressive strength.

Section 01 51 00 - Temporary Utility Services:

Provide all temporary utility services required for work such as water supply, electricity, lighting, telecommunications, heating, ventilation and fire protection. For any cuts to existing services, notify the Owner 24 hours in advance.

Section 01 56 00 - Access and temporary protection work:

All temporary protection work must be performed according to the instructions issued by the owner and his representative. The general contractor must coordinate with SCC.

Section 01 74 11 - Cleaning:

Keep work site clean and free of all debris and waste materials accumulation. Evacuate debris and discarded materials from the jobsite daily. Provide containers for this purpose.

Provide final cleaning to the satisfaction of the architect for all premises affected by the contractor's daily work or activities such as corridors and stairs.

Section 01 77 00 - Work Completion:

Submit a written document certifying the following:

-the work has been completed and has been inspected and found to comply with the requirements of the contract documents.
-all defaults and defects identified by the architect and/or engineer have been corrected.
-the devices and systems are fully operational and the Owner's staff have received the necessary training.
-the work is completed and ready for final inspection.

The date of acceptance of the substantial completion of the work is the start date of the right of retention and guarantee period. The final payment will be made when the architect evaluates that all the requirements of the contract documents have been met.

Unless otherwise stated in the terms and conditions, a 10% holdback will be made on payments until substantial completion of the work, and a 1% holdback will be made for the year under guarantee.

Section 01 78 00 - Documents and Elements to be Submitted Upon Completion:

Provide the Owner with the following items: a project file containing contract drawings, technical proposals, addenda, change orders and other contract amendments, revised workshop drawings, data sheets, samples, field test records, inspection certificates, and certificates issued by manufacturers. Also provide operation and maintenance sheets and manuals (in French), replacement materials and spare parts, warranties and security deposits, and the final property survey certificate.

Section 02 41 17 - Demolition:

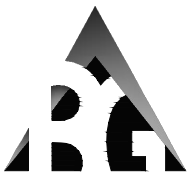
Check the statement of hazardous materials and take the necessary measures to preserve the environment.

If a material resembling asbestos applied by a spray or trowel or other designated hazardous material is discovered during the work execution, suspend work, take appropriate precautions and immediately inform the architect. Do not resume work until you have received written instructions from the architect.

Take the necessary measures to prevent the movement, colapsing or other damages to adjacent structures and parts of the building to be retained. Provide shoring and bracing of structures as required.

Section 05 50 05 - Steel Furniture/Metal corners:

- 1 Materials:**
-Steel sections and plates: in accordance with CAN / CSA G40.20 / G40.21, grade 300W.
-Steel pipe: in accordance with ASTM A53M, standard weight, black finish.
-Stainless steel: in accordance with ASTM A167, grade 302 or 304, finish #4, thicknesses shown on drawings.
-Welding materials: in accordance with CSA W59-1984
-Bolts and anchor bolts: in accordance with ASTM A307-84.
-Floor Anchors: Hilti Corp. Model 301 Stainless Steel Inboard Anchor Hinges. 12.7 mm diameter bolt coated with "Loctite Threadlocker 262". The couplings will be installed by machine.
-Concrete Block Anchors: Stainless Steel 303 Inner Anchors, Model HDI 5/8 from Hilti Corp. 15.9 mm diameter bolt coated with Loctite Threadlocker 262. The couplings will be installed by machine.
-Bituminous paint: in accordance with CAN / CGB-1.108.
-Wooden top (benches): varnished solid laminated cherry.
-Solid laminated plastic (check point countertops): in accordance with



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CAN3-A172-M79, SS class, 19mm thick, such as Compact from Formica.
 -Prison hooks: Bobrick model B-983 bolted in threaded holes.

.2 Working:

- Shape structures so that they are squared, aligned, straight, to the exact dimensions required, and that seams are tight and securely fastened.
- Unless otherwise stated, shape the elements with steel.
- Assemble the component parts of the structures using countersunk, flat head, self-tapping, unscrew-able, screws or as indicated.
- When possible, adjust the work and assemble it in a workshop, ready to install.
- Visible welds must be performed continuously and they must be filed or ground. A continuous weld means a series of 25 mm welds spaced out by 100 mm c/c. The welded joints must be caulked with epoxy gel.

.3 Paint Applied in Workshop:

- Apply in the workshop a coat of primer on all metal parts except those in stainless steel, aluminum or those to be galvanized or embedded in concrete.
- Apply in the workshop two (2) coats of finishing paint on all metal parts except those made of stainless steel, aluminum or those to be galvanized or embedded in concrete.
- Apply the primary paint as is. Apply to dry surfaces, free of rust, slag or grease. Do not apply at temperatures below 7°C.
- Clean welding surfaces on site; do not paint them in the workshop.

.4 Insulation Coating:

- Aluminum surfaces must be coated with bituminous paint so that they are insulated from the following materials:
- other metals, with the exception of stainless steel, zinc and white bronze (in small areas);
- concrete, mortar and other masonry materials; wood.

.5 Other Metal Articles:

- Examine the drawings carefully to establish the complete list of work to be done in the respective section.

Preliminary Screening

Starting the work by the contractor means the implicit acceptance of the support documents and the conditions on which they are located.

Section 07 92 10 - Joint Sealing:

1. Product Descriptions:

- .1 3-Component epoxy polyurethane terpolymer sealant with chemical polymerization in accordance with CAN / CGSB-19.24, Usage:
- Expansion or control seal in interior and exterior masonry.
- Sealant between masonry and framing.
- Sealant at masonry support angles or exterior panels.
- Sealant between concrete structures.
- All the various sealants required by the plans, but not covered in other sections.

Acceptables Products: Tremco Canada's Dymeric DOW CORNING's CWS

- .2 One-component, urethane-based sealant. Non-sagging product, in accordance with CAN / CGSB-19.GP.13M, same color as adjacent element, Usage:
- Sealant on the interior side between door frames and glass walls or other materials other than gypsum.
- Sealant between gypsum and window elements and curtain walls.
- Sealant between gypsum and metal structure.

-Sealant between gypsum and metal structure.

Acceptables Products: Tremco Canada's Dymonic FC or other replacement products approved by addendum, for exterior opening contours and control sealants.
 This sealant must not withstand the formation of mold and must not allow dust and dirt to become embedded.

- .3 Silicone rubber or paint-able latex sealant of one-component, in accordance with CAN / CGSB 19-GP-17M, usage:
- Sealing of interior surfaces, cracks, openings and ventilation holes.
- Sealant between interior door frames and glass walls and gypsum boards or plaster coating.
- Unless otherwise specified, to be used on the interior or the sealant must be painted.
- Acoustic sealant for exposed structures.

Acceptable Products: Tremco Canada's Tremflex 834

- .4 Synthetic rubber, non-drying, acoustic sealant in accordance with CAN / CGSB 19.21, usage:
- Sealing of the steel frame sections of the drywall and each of the gypsum or concrete panels, ensuring the acoustic connections around the sockets and switches.
- Sealing of vapor barriers and concrete slab work on the ground floor.

Acceptable Products: Tremco Canada's Acoustic Sealant.

- .5 Epoxy Sealant:
- "Scelflex" 2-component epoxy gel type sealant from Scelco Inc. (Ste-Foy, Quebec), epoxy-based (100% solid).
- "Sikadur 31 Hi-Mod Gel" type sealant from Sika Canada inc. Solvent-free, moisture-resistant, high modulus, high-resistance, two-component, structural epoxy, paste, resin adhesive.
- BASF Building Systems Epolith Sealant, 100% solid, two component epoxy grouting sealant putty.

- .6 Performed Deep Joints, compressible and non-compressible
- Polyethylene, urethane, neoprene or vinyl foam elements.
- Extruded cellular foam filling rods.
- 30 to 50% oversized elements.
- Neoprene or butyl rubber elements.
- Round and full rods, 70 Shore A hardness.
- High density foam elements
- Extruded cellular PVC foam elements, extruded cellular polyethylene foam, having a Shore A hardness of 20 and having a tensile strength of 140 to 200 kPa, extruded polyolefin foam having a density of 32 kg/m³, or neoprene, of manufacturer's recommended dimensions.

Acceptable Products: Dow Chemical's Éthafoam or another replacement product approved by addendum.

- .7 Anti-seizing tape:
- Polyethylene tape that does not adhere to sealant such as the 470 or 481 from 3M or replacement product approved by addendum.

- .8 Sealant Cleaning Products:
- Non-corrosive and non-messy cleaning products, compatible with sealing materials and waterproofing products, and recommended by the manufacturer of these products.

- Primer: as specified by the manufacturer.

Section : 09 21 16 Gypsum Panel Sheathing:

- 1. Standard panels: in accordance with ASTM C 36 / C36M, Type X, 16mm thick, 1200mm wide and maximum working length, with squared edges at the ends and sides.
- Acceptable Products: Canadian Gypsum Corporation' Sheetrock or BPB Canada's ProRoc.
- 2. Water-resistant plaster panels for ceilings (or shown on plans, on walls only): In accordance with ASTM C 630 / C630M-01, Type X, 16 mm thick, 1200 mm wide and of maximum working length.

Acceptable Products: Canadian Gypsum Corporation's water-resistant Sheetrock or BPB Canada's moisture-resistant ProRoc.

- 3. Metal furring sections: suspension rods, fastening wires, inserts and anchors: in accordance with the manufacturer's recommendations.
- 4. Flexible furring for drywall (or required on plans): galvanized steel, thickness required, allowing flexible fixing of drywall.
- 5. Vis perceuses en acier : conformes à la norme ASTM C 1002.

6. Adhesive for uprights: in accordance with CAN / CGSB-71.25, ASTM C 557.

7. Laminating adhesive: according to the manufacturer's recommendations, without asbestos.

8. Leveling, corner reinforcements, contracting joints and borders: in accordance with ASTM C 1047, galvanized metal, 0.5 mm thick, perforated flanges, in one single piece.

9. Sealant: as specified in Section 07 92 10 - Joint Sealing.

10. Acoustic sealant putty: CGSB 19-GP-21M.

11. Polyethylene: in accordance with CAN / CGSB-51.34, type 2.

12. Insulating tape: open cell neoprene, 3 mm thick, 25 mm wide, one side of which is coated with a permanent self-adhesive, of appropriate length.

13. Seal paste: in strict compliance and according to the manufacturers' recommendations for each type of different items.

14. Exterior gypsum adhesive tape: impervious type (except where urethane is used)

Preliminary Screening

Starting the work by the contractor means the implicit acceptance of the support documents and the conditions on which they are located.

Section : 09 22 14 - Furring and lattice:

Section Content



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1. The work covered by the contract document subject to this contract includes, but is not limited to, the preparation, supply and installation and all materials, tools, labor and supervision necessary to complete the work appearing on the plans and described below:

- All furring as described on the plans.
- All other work necessary for a neat completion of tasks.

Products

1. Materials and Equipment

- Metal furring: (sections, suspensions, ligature wires, inserts, anchors) in accordance with ASTM C 841.
- Metal slats: ASTM C 847 compliant, of type and mass appropriate for the coating system and the spacing of supports.
- Gypsum board battens: ASTM C 841 compliant, type X, thickness appropriate to coating system and spacing of supports.
- Rigid Insulation framing: hexagonal mesh with 25 mm opening, of galvanized steel wire 0.9 mm, ASTM C 1032 compliant.
- Cement-coated framing: 50 mm square mesh, made of 1.6 mm galvanized steel wire.
- Construction paper: no. 15 bituminous felt that complies with CSA A123.3.
- Polyethylene membranes: in accordance with CAN / CGSB-51.34, Type 2, 0.15 mm thick.
- Acceptable products: as specified in ECP-69.
- Metal accessories: (corner rods, baseboard picks, Cornerite type reinforcements, flush moldings) ASTM C 1047 compliant.
- Expansion joints: back-to-back flush moldings, in accordance with ASTM C 1047, covered with a polyethylene membrane forming an airtight continuous lining, or a special assembly made of galvanized or zinc coated steel sheets or copper coated, 0.45 mm thick, with flexible air barrier. (Use under structural elements)
- Resilient bars
 - Will be of galvanized steel with 0.5mm thick (caliber 28) and 38mm wide by 13mm deep lining, allowing flexible fixing of gypsum board such as C.G.C. RC-1 bar.
- Furring
 - Galvanized steel (caliber 26) furring, 70mm wide, 22mm deep, 12mm sides or 19 x 38 x 1.6mm thick profile.
- Staples
 - Furring staples: pressure staple manufactured in 2.5mm diameter pins.
- Accessories and finishing moldings
 - Accessories: eclipse, fixing, wire ties that add to the frame elements according to the manufacturer's recommendations.
 - Acceptable Materials: Trim Tex Pull Away 13mm Brand Molding. Distributed by Westroc-Scellant
 - Soundproofing sealant: in accordance with the CGSB 19-GP-21M standard.
- Metal slats: ASTM C 847 compliant, type and mass appropriate for the coating system and the spacing of the supports.
- (If required on plans) Framing for a coating on a rigid insulation: 25mm Hexagonal Mesh, 0.9mm galvanized steel wire, per ASTM C 1032.
- (If required in plans) Cement-coated Framing: 50 mm square mesh, made of 1.6 mm galvanized steel wire.
- Polyethylene membranes: in accordance with CAN / CGSB-51.34, Type 2, 0.15 mm thick.
- Metal accessories: (corner sticks, baseboard picks, Cornerite type reinforcements, flush moldings) ASTM C 1047 compliant.
- Expansion joints: back-to-back flush moldings, in accordance with ASTM C 1047, covered with a polyethylene membrane forming an airtight continuous lining, or a special assembly made of galvanized or zinc coated steel sheets or copper coated, 0.45 mm thick, with flexible air barrier. (Use under structural elements)

2. Replacement

- Any substitution of material must be approved by the architect beforehand by means of an addendum.

Section : 09 30 13 Ceramic Tiles

Section Content

1. The work covered by the contract document subject to this contract includes, but is not limited to, the preparation, supply and installation and all materials, tools, labor and supervision necessary to complete the work appearing on the plans and described below:

- Ceramic tiles on the walls as indicated in the finishes plans.
- Ceramic baseboards (adjacent to ceramic tiles)
- Transition and finishing moldings
- Other accessories for a complete job.

Products

2. Floor and wall tiles

- Ceramic Tile: Complies with CAN / CGSB-74.1 and ANSI A118.4.
- Model and color: See finishes plans.
- Dimensions: See finishes plans.

3. Mixtures and adhesives

- Use products manufactured by MAPEI CANADA inc.
- Sand: in accordance with ASTM C 144, passing No. 16 sieve.
- Latex additive products: if required and according to the manufacturer's written recommendations.
- Water: drinkable and free of minerals or chemicals harmful to mortar and grout mixtures.
- Wall Support: ASTM C 630, C1396 and C1178 compliant. Thickness of 12 mm or 16 mm (indicated on plans) of type X.
 - Acceptable Product: - DensShield, by Georgia Pacific.
 - Diamondback, tile backer by CertainTeed.

- Accepted products for application of (mortar)
 - Floors and walls: mortar, ULTRALIGHT by MAPEI
 - NB. The mortar must be white for laying light colored tiles.

4. Grout

- Pigments
 - Mineral pigments, lime-resistant, light-fast, in accordance with ASTM C 979.
 - The pigments must be added to the grout by the manufacturer.
 - Grouts colored on site are not accepted.
 - The pigments can be added to commercial-type Portland cement grouts, to dry-laid grout, and to latex-modified Portland cement grout.

- Portland cement grout: ANSI A108.1 compliant.
 - The grout must consist of one part of white Portland cement and one part of white sand passing a No. 30 sieve.
 - Commercial type Portland cement grout: CTI A118.6 compliant.
 - Dry-laid grout: CTI A118.6 compliant.
 - Latex-modified Portland cement grout: ANSI A108.1 compliant, quick-set, high-strength, polymer-modified, stain-resistant, commercial-grade, with sand for flooring, sand-free for floor and wall coverings in tiles with a polished surface.
 - Color: architect's choice within the manufacturer's standard color range.
- Accepted product for walls, 3mm joints: Keracolor S from Mapei.
- Accepted product for floors, 3mm joints: Kerapoxy from Mapei.
- Cleaning product: according to the written recommendations of the manufacturer.

5. Accessoires

- Reinforcing mesh: 50 mm x 50 mm x 1.6 mm x 1.6 mm galvanized steel wire mesh, welded, in flat sheets.
- Seal rods
- Laminated elements, with 32 mm x 3 mm black neoprene core covered with brass (on both sides), with anchors at 15 mm spacing on both sides.
- Brass and zinc strips of suitable dimensions for the work, with anchors at 150 mm spacing on both sides.
- Coated metal support: lattice in accordance with ASTM C 847, galvanized finish, with 10 mm ribbing, with a surface mass of 2.17 kg/m².
- Joint strips, ceramic transition moldings: special extruded elements in stainless steel and aluminum.
 - From Schluter systems, in lengths of 2.5M and width according to the thickness of the ceramic:
- Reduction bands: special extruded stainless steel elements with a maximum slope of 1:2.

- Prefabricated dividing joints: special elements, with a Shore A hardness of at least 60 and an elasticity of more or less 40% when used in accordance with TTMAC Detail 301EJ, location to be determined in accordance with the manufacturer's recommendation.
- Sealant: in accordance with Section 07 92 10 - Joint Sealing.
- Sealant: in accordance with Section 07 92 10. Sealant color chosen by the architect.
- Sealing compound and protective coating for floors: according to the recommendations of the tile and grout manufacturers.
- Band

6. Screed Coating/Smoothing

- Portland cement-based acrylic resin coating specially formulated to reload and smooth concrete slabs. Products containing gypsum are not accepted.
- The product used must have at least the following characteristics.
 - Compressive strength: 25 MPa.
 - Tensile strength: 7 MPa.
 - Flexural strength: 7 MPa.
 - Density: 1.9.
- The coating must be able to be applied in layers of at most 12 mm thick, be able to be beveled and smoothed by trowel or be self-leveling.
- The coating layer must be ready to receive a subsequent coat 48 hours after application.
- Acceptable Product: MAPEI Ultraplan 1, MAPEI T Primer .
- When the surface to be leveled is terrazzo or ceramic, plan for the sanding of the surfaces and the laying of a Keralastic/Kerabond bonding layer. In all cases, provide for the application of a bonding coating such as the U.P. Primer or " MAPECEM " according to the manufacturer's recommendations.

7. Cleaning Products

- In strict accordance with the written recommendations of the manufacturer of the ceramic tiles. Products specially designed for cleaning masonry and concrete surfaces, but which do not interfere with the bonding of the various coating layers intended for the application of the tiles, including the screeding and smoothing layers as well as elastomer-based waterproofing layers and membranes.
- Products containing acidic or caustic materials are not accepted.

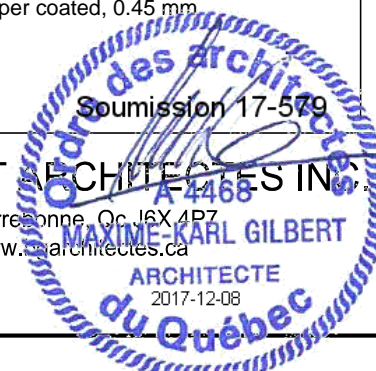
8. Replacement

- Any substitution of material must be approved by the architect beforehand by means of an addendum.

Section : 09 91 26 Painting



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01	2017-11-24	ESTIMATE	M.K.G.

Nom Projet	Project name	Nom Feuille	Sheet name
SCC 550 - Rempl. de lave-vaisselle bâtiment D-3		SUMMARY TECHNICAL PROPOSAL	

Client	Client	Project no.	Sheet/Detail
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1. List of paint systems

.1 All paint products used shall be low or zero VOC certified compliant with Greenseal according to the following systems.

.2 Interior Finish:

- System 1: for concrete blocks and poured concrete walls: a coat of latex paint primer, in accordance with CGSB standard 1-GP-119M, no. 850-130 0 VOC ecosource by Sico, two (2) coats of 100% acrylic melamine finish paint, serie 855 0 VOC ecosource by Sico, Greenseal certified GS 11.

- System 2: for use on walls, false-beams and gypsum board ceiling: one (1) primer coat in accordance with CGSB 1-GP-119M, no. 850-130 0 VOC ecosource by Sico, two (2) coats of 100% acrylic melamine finish paint, serie 855 0 VOC ecosource by Sico, Greenseal certified GS 11.

- System 3: to be used for primed ferrous metal surfaces: touch up the primer coat with Sierra 0 VOC Griptec primer one (1) base coat, two (2) coats of semi gloss acrylic urethane metalmax 0 VOC compliant with Greenseal standard.

- System 4: to be used for piping and equipment: one (1) coat of Sierra 0 VOC griptec primer, two (2) coats of semi gloss acrylic urethane metalmax 0 VOC compliant with Greenseal standard.

- System 5: to be used for concrete floors: prepare with a filler in accordance with CGSB 85-GP-32 standard and comply with the manufacturer's requirements. Apply two (2) coats of water based acrylic and polyurethane paint that meets Greenseal 0 VOC Sierra S-40.

2. Existing conditions:

- Examine existing substrates to verify that their condition not compromise the proper preparation of surfaces to be painted. Before beginning the work, report to the Architect, if any, any damage, defects and/or unsatisfactory or unfavorable conditions found.

- Perform tests to control the moisture content of surfaces to be painted using a properly calibrated electronic moisture meter; the degree of humidity of the concrete floors must, however, be evaluated by a simple "control of the covering capacity on the reference surface". Then communicate the results to the Architect. Do not start work until surface conditions are deemed acceptable, within the manufacturer's recommended range.

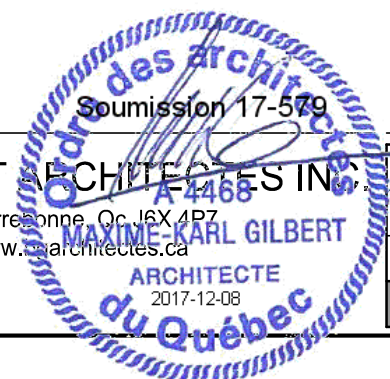
- Maximum permissible humidity level:

- .1 Stucco, coatings and plaster: 12%.
- .2 Concrete : 12 %.
- .3 Blocks and bricks of concrete or baked clay : 12 %.
- .4 Wood : 15 %.

3. Acceptable products: Sico-source, Benjamin Moor, Behr Paint, Bétonnel, Dulux, Peinture MF.

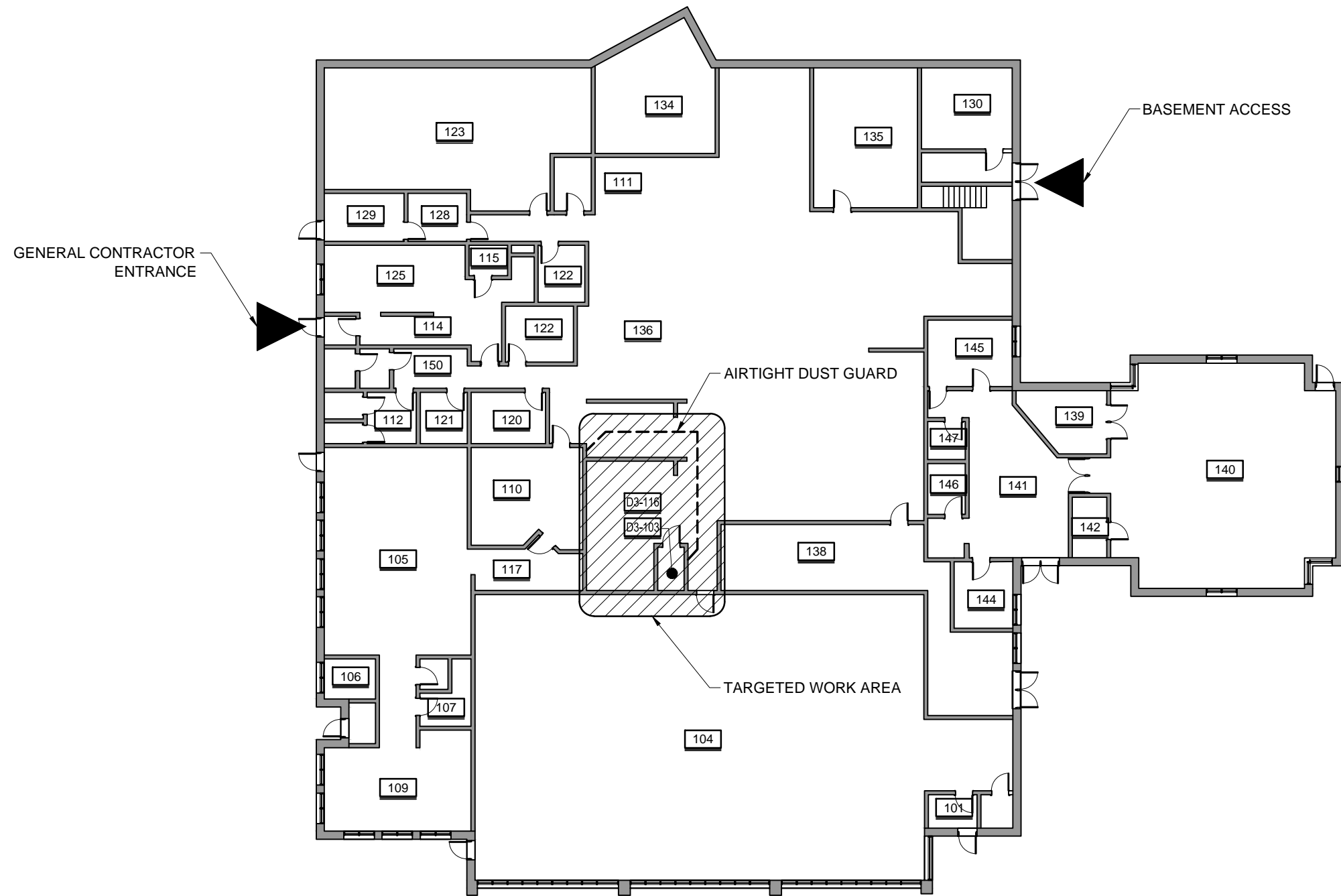


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Nom Projet		Client		Project no.	Sheet/Detail
SCC 550 - Rempl. de lave-vaisselle bâtiment D-3		SCC		17-579	A-01.5
Nom Feuille		Drafted by:		Approved by:	Date:
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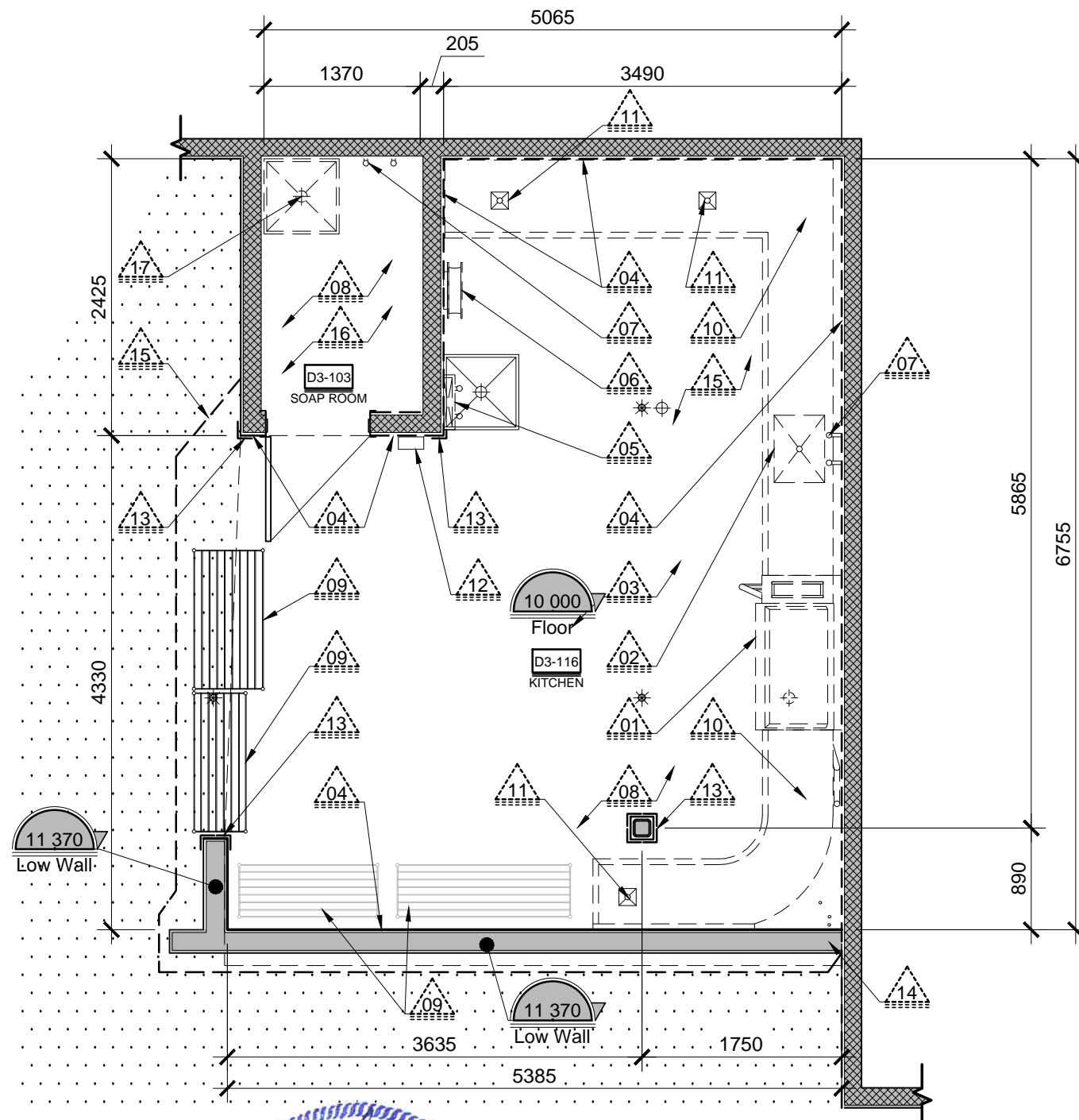
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Nom Feuille	Sheet name	Drafted by:	Approved by:	Date:	Page no.
LOCATION OF WORK		X.O.	M.A.L.	2017-06-20	07 /14

01 KITCHEN FLOOR PLAN DEMOLITION

Scale 1:50



A NOTES AND SYMBOLS

GENERAL NOTES:

- SEE PAGE A-01.1

SPECIFIC NOTES:

- DEMOLISH DISHWASHER
- DEMOLISH KITCHEN SINK, SEE ENG.
- DEMOLISH CEILING SECTION, SEE CEILING PLANS
- DEMOLISH WALL TILE SURFACE AND AFTERWARDS PLAN A SHOT-BLASTING OF THE WALL IN ORDER TO REMOVE ALL EXISTING TILE ADHESIVE AND PREPARE IT FOR NEW SURFACING
- DEMOLISH PLUMBING WALL AND FAUCET, SEE ENG.
- REMOVE AND RELOCATE HOSE HANGER
- DEMOLISH PLUMBING, SEE ENG.
- DEMOLISH FLOOR FINISH AND BASEBOARDS, SEE FLOOR FINISHES PLAN
- REMOVE AND RELOCATE STORAGE CABINETS
- DEMOLISH KITCHEN FURNITURE
- DEMOLISH EXISTING DRAIN, SEE ENG.
- REMOVE EQUIPMENT DURING THE CERAMIC TILE DEMOLITION
- DEMOLISH STAINLESS STEEL CORNER
- REMOVE STAINLESS STEEL LOW WALL COVERING AND REINSTALL AFTER RENOVATIONS
- KEEP SEALED DUST GUARD THROUGHOUT RENOVATIONS
- PREPARE CONCRETE BLOCK FOR FUTUR WALL TILE FINISH
- RELOCATE TANK, SEE ENG.



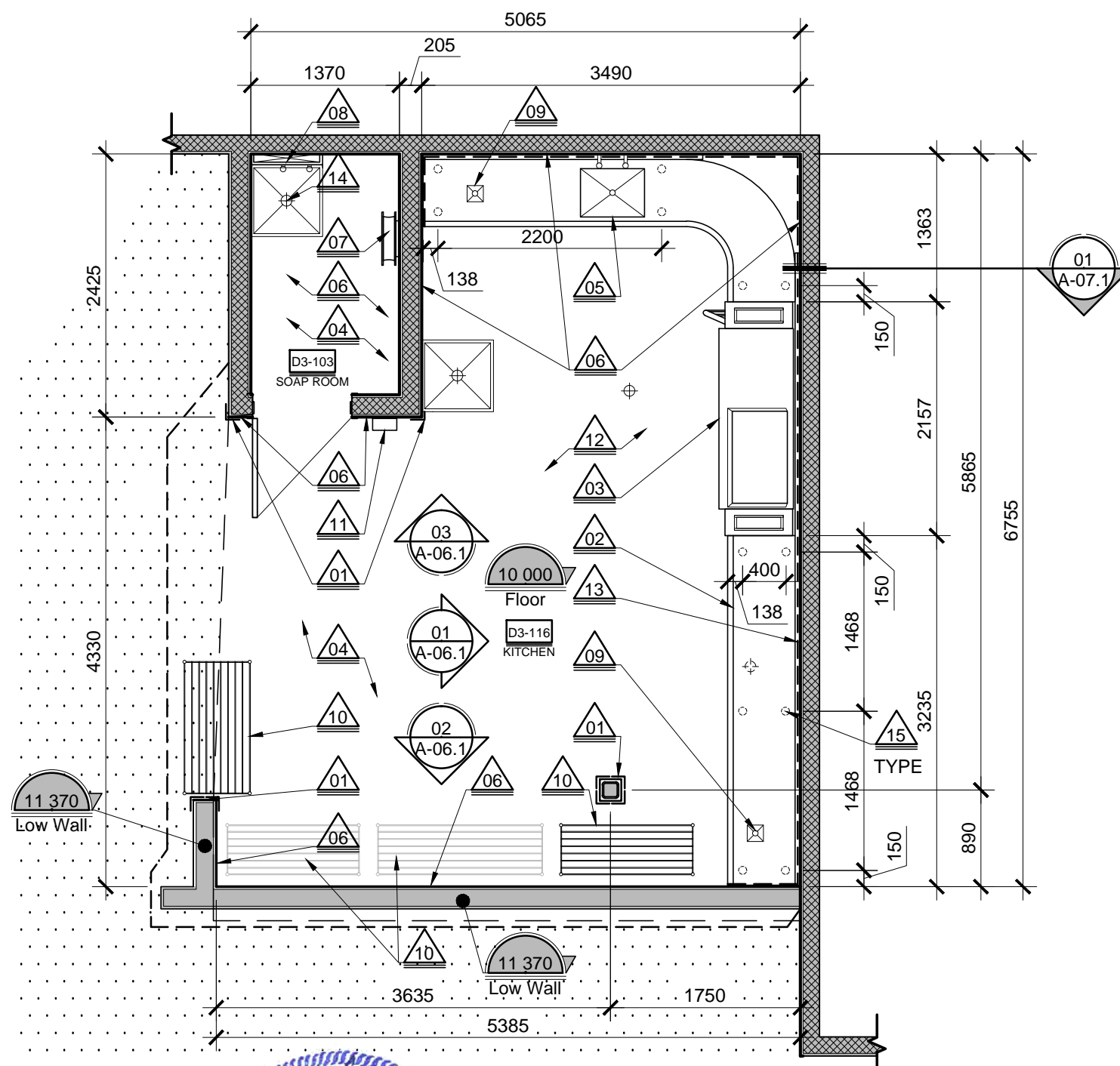
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SCC 550 - Rempl. de lave-vaisselle bâtiment D-3	SCC	17-579	A-03.1		
Nom Feuille	Sheet name	Drafted by:	Approved by:	Date:	Page no.
KITCHEN FLOOR PLAN DEMO.	X.O.	M.A.L.	2017-06-20	08	/14

01 KITCHEN FLOOR PLAN CONSTRUCTION

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
















A NOTES AND SYMBOLS

GENERAL NOTES:

- SEE PAGE A-01.1

SPECIFIC NOTES:

-  NEW STAINLESS STEEL CORNERS 100X100X2080 MIN. HEIGHT. PLAN TO ROUND CORNERS OFF (7x)
-  NEW FLOW TABLE, SEE ELEVATION. PLAN FOR DRAINAGE
-  NEW DISHWASHER, SEE ENG. FOR MODEL
-  NEW FLOOR AND CEILING SECTIONS, SEE FINISHES AND CEILING PLANS
-  NEW KITCHEN SINK INTERGRATED TO STEEL FURNITURE, SEE ENG. FOR DRAINAGE
-  NEW WALL TILE FINISH FULL HEIGHT, SEE ELEVATION
-  RELOCATED HOSE HANGER, SAME HEIGHT AS EXISTING INSTALLATION
-  NEW OUTER SURFACE FAUCET AND PLUMBING, SEE ENG. PLAN TO COVER THE PLUMBING FULL WALL HEIGHT WITH A STAINLESS STEEL PLATE. SEAL WITH EPOXY BOTH THE BASE AND THE TOP OF THE NEW WALL.
-  NEW DRAINAGE, SEE ENG.
-  RELOCATED STORAGE CABINETS
-  REINSTALL EQUIPMENT AFTER FOLLOWING THE INSTALLATION OF THE NEW WALL TILES. SAME HEIGHT AS EXISTING INSTALLATION.
-  PLAN FOR FLOOR SCREEDING AFTER DEMOLITION
-  NEW SURFACE STAINLESS STEEL STRIP, SEE ELEVATION FOR HEIGHT
-  RELOCATED TANK, SEE ENG.
-  TABLE SUPPORT BRACKETS, SEE DETAIL

04
A-07.1



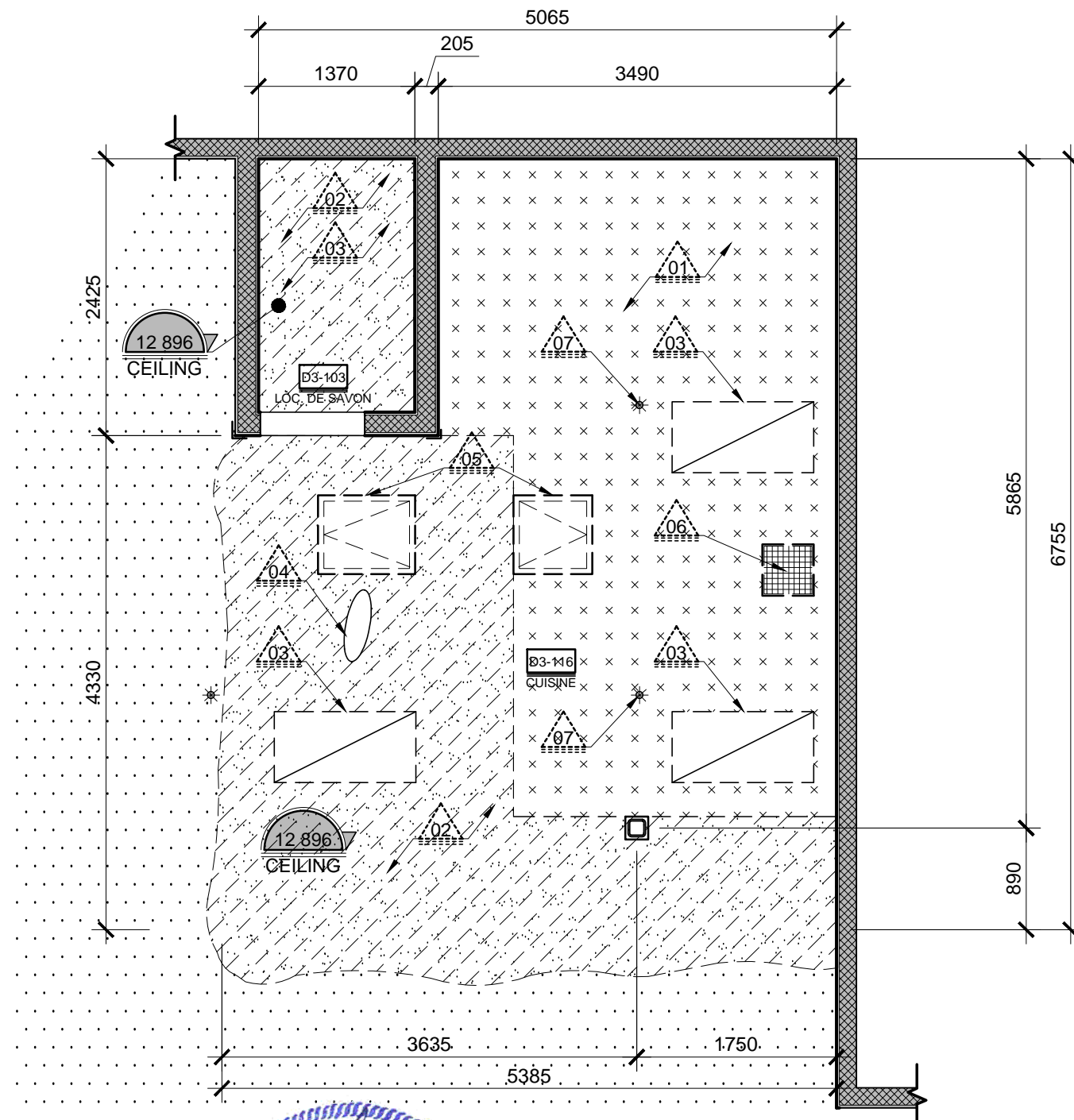
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01	2017-11-24	ESTIMATE	M.K.G.

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SCC 550 - Rempl. de lave-vaisselle bâtiment D-3		SCC 550 - Rempl. de lave-vaisselle bâtiment D-3		SCC		SCC		17-579		A-03.2	
Nom Feuille		Sheet name		Drafted by:		Approved by:		Date:		Page no.	
KITCHEN FLOOR PLAN CONSTRUCT.		KITCHEN FLOOR PLAN CONSTRUCT.		X.O.		M.A.L.		2017-06-20		09 /14	

01 CEILING PLAN DEMOLITION

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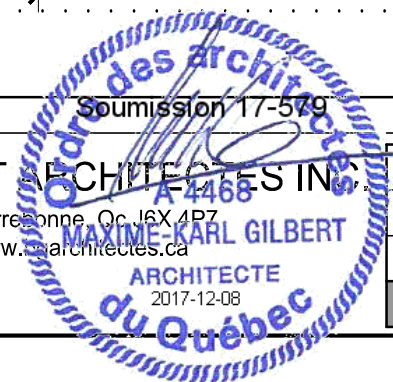
A NOTES AND SYMBOLS

GENERAL NOTES:

- SEE PAGE A-01.1

SPECIFIC DEMOLITION NOTES:

- DEMOLISH STAINLESS STEEL AND GYPSUM CEILING
- DEMOLISH GYPSUM CEILING SECTION
- DEMOLISH EXISTING LIGHTING FIXTURE, SEE ENG.
- REFLECTOR TO BE REMOVED AND REINSTALLED AFTER DEMOLITION
- ACCESS HATCH TO BE REMOVED AND REINSTALLED AFTER RENOVATIONS
- VENTILATION GRID, SEE ENG.
- SPRINKLER TO BE PROTECTED DURING RENOVATIONS



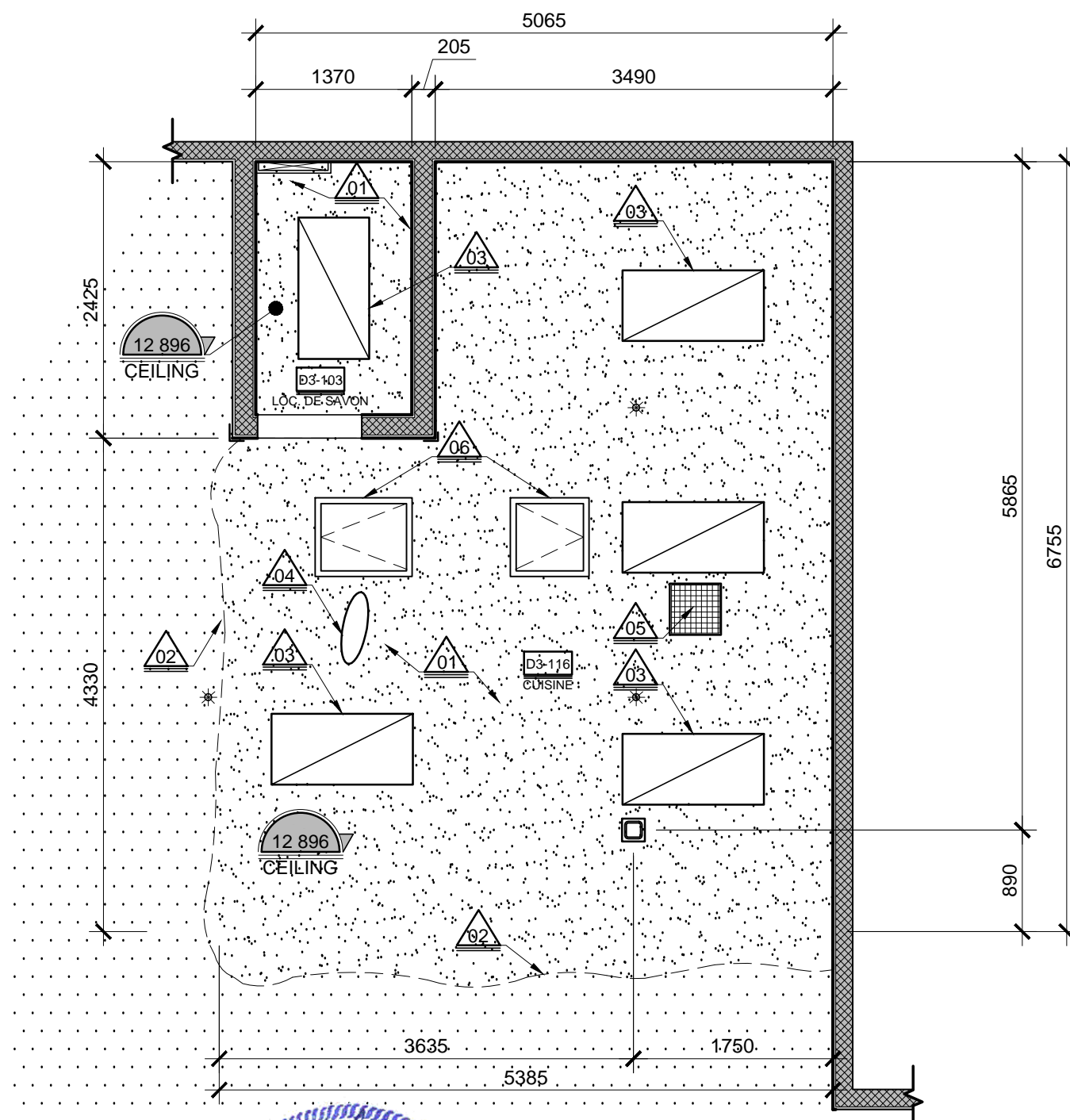
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CEILING PLAN DEMOLITION	X.O.	M.A.L.	2017-06-20	10	/14

01 CEILING PLAN CONSTRUCTION

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





A NOTES AND SYMBOLS

GENERAL NOTES:

- SEE PAGE A-01.1

SPECIFIC CONSTRUCTION NOTES:

-   NEW PAINTED WATERPROOF GYPSUM CEILING
-  PLAN TO SCREED CEILING AFTER RENOVATIONS
-  NEW LIGHTING FIXTURES, SEE ENG.
-  REINSTALLED REFLECTOR.
-  VENTILATION GRID, SEE ENG.
-  PAINTED EXISTING ACCESS HATCH



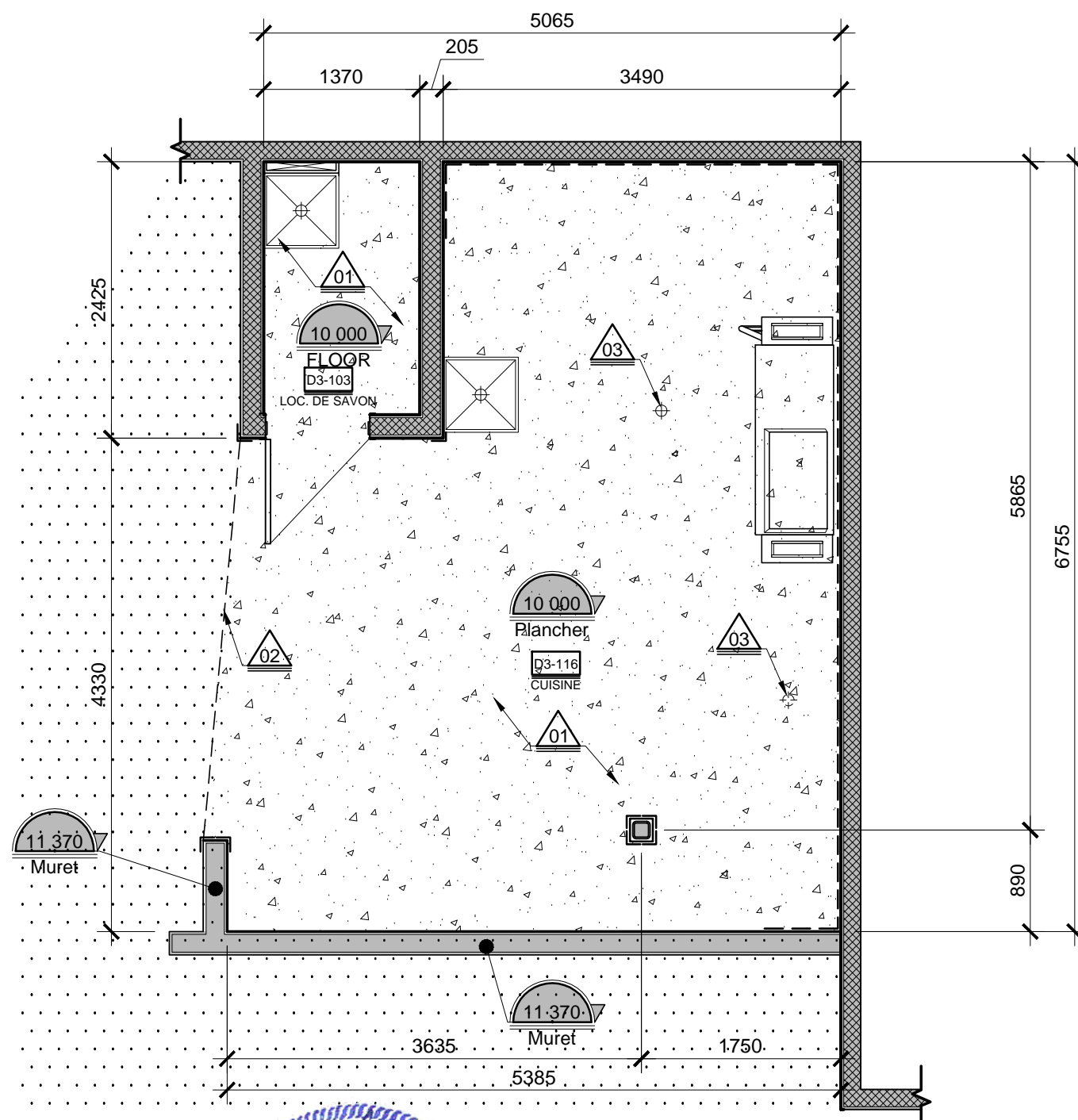
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Nom Feuille		Sheet name		Drafted by:		Approved by:		Date:		Page no.	
CEILING PLAN CONSTRUCTION		CEILING PLAN CONSTRUCTION		X.O.		M.A.L.		2017-06-20		11 /14	

01 FINISHES PLAN CONSTRUCTION

SCALE 1:50



A NOTES AND SYMBOLS

GENERAL NOTES:

- SEE PAGE A-01

SPECIFIC NOTES:

01 PREPARE THE FLOOR SURFACE (SCREEDING AND RESURFACING) FOR THE NEW EPOXY FINISH, COLOR TO BE CHOSEN BY ARCHITECT



02 PLAN FOR FLOOR EDGING COVERED IN AN EPOXY SEAL WITH THE EXISTING FINISH.

03 MODIFIED EXISTING DRAINS, SEE ENG.

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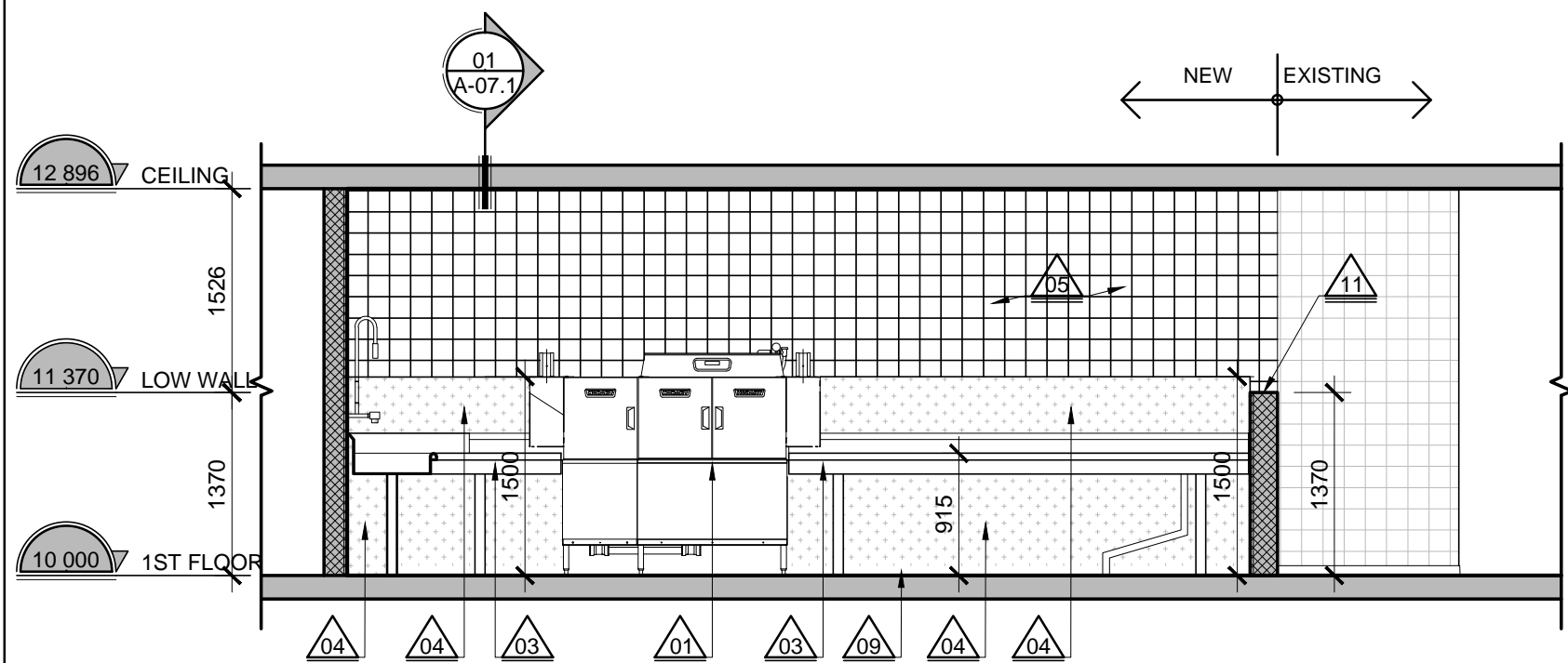


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FINISHES PLAN		X.O.	M.A.L.	2017-06-20	12 /14

01 ELEVATION 01 CONSTRUCTION

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A NOTES AND LEGEND

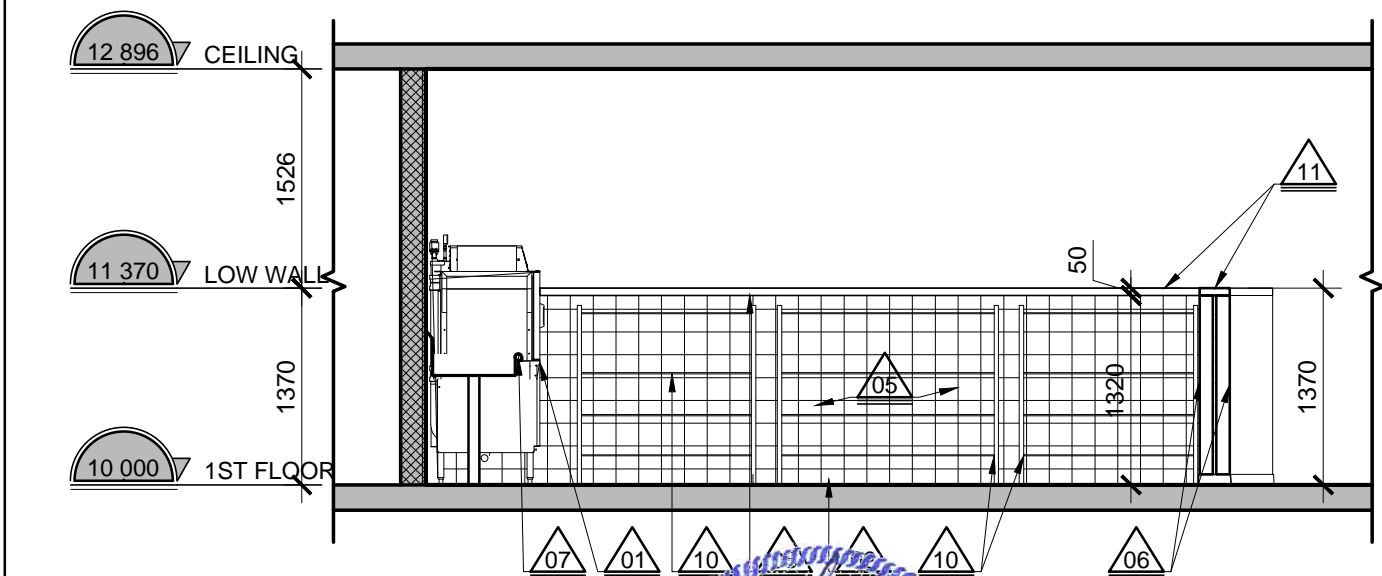
GENERAL NOTES: SEE PAGE A-01

SPECIFIC NOTES:

- NEW DISHWASHER, SEE ENG.
- NEW INTEGRATED SINK, SEE ENG. FOR CONNECTION
- NEW STAINLESS STEEL FLOW TABLE
- 1500MM HIGH STAINLESS STEEL SECTION APPLIED ON THE SURFACE. PLAN FOR AN EPOXY SEAL ALONG THE PANEL PERIMETERS. PLAN FOR ROUNDED CORNERS
- SHOT-BLAST THE EXSITING SURFACE BEFORE INSTALLING THE WALL TILES 150MMX150MM, SAME COLOR AND MODEL AS EXISTING ONE.
- NEW STAINLESS STEEL CORNERS 100X100X2080 WITH ROUNDED CORNERS AND EPOXY SEAL
- ROLLED AND CLOSED EDGE, SEE CROSS SECTION DETAIL
- EXISTING STAINLESS STEEL SHELF, REINSTALLED
- EPOXY SEAL BETWEEN THE TILES AND EPOXY
- EXISTING CABINET RELOCATED
- LOW WALL COVER TO REINSTALL AFTER RENOVATIONS

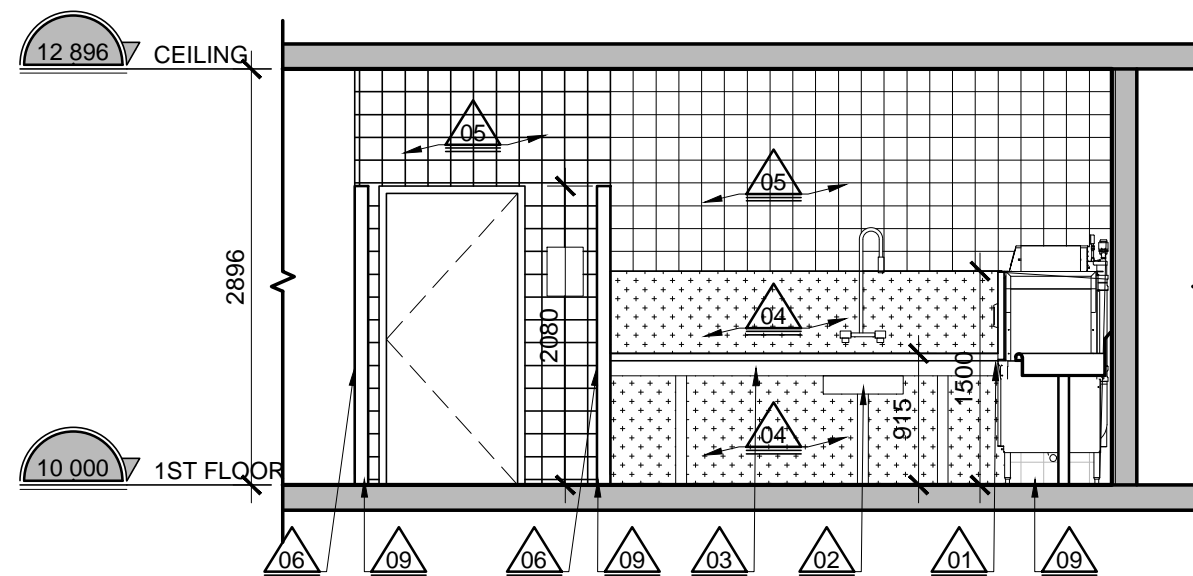
02 ELEVATION 02 CONSTRUCTION

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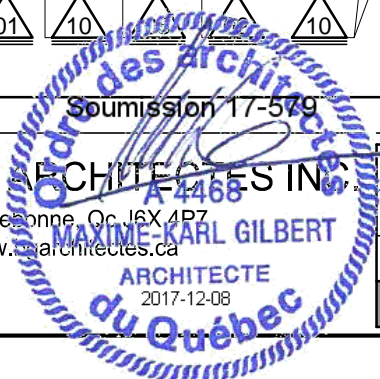


03 ELEVATION 03 CONSTRUCTION

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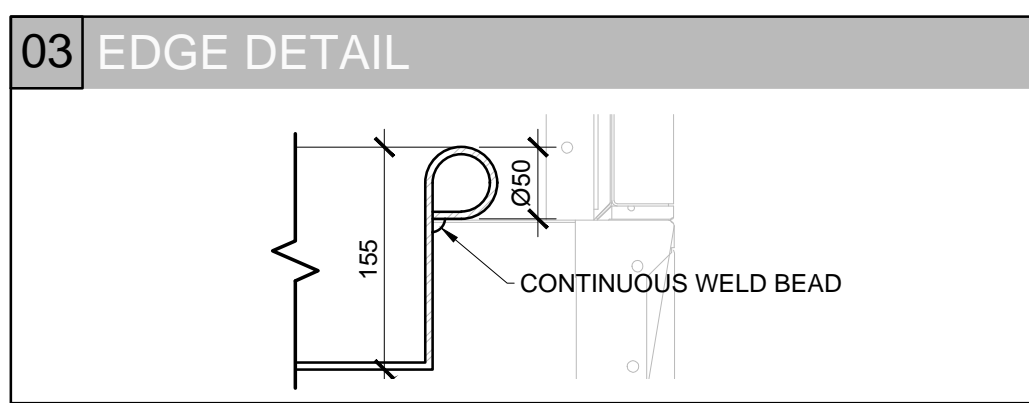
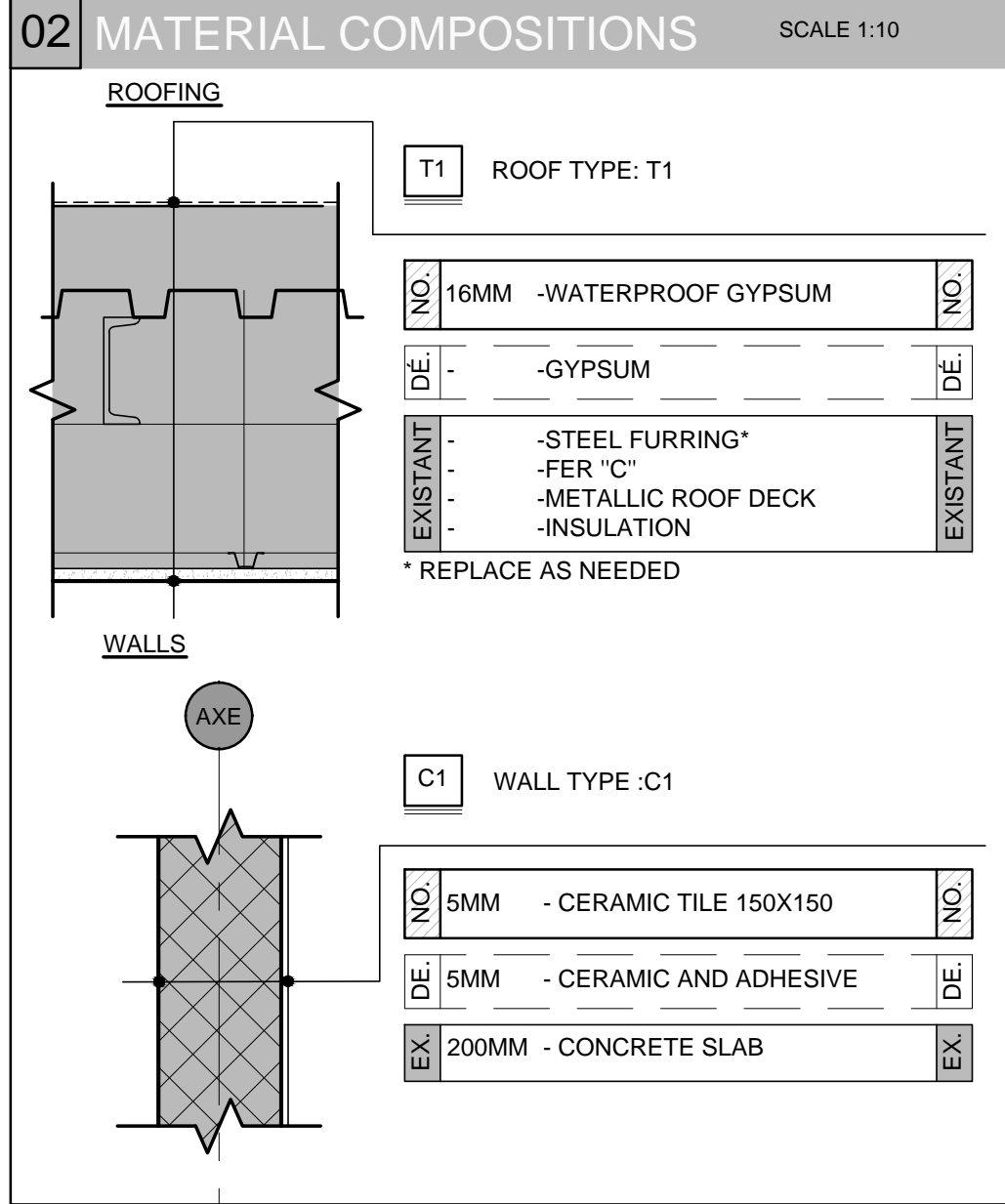
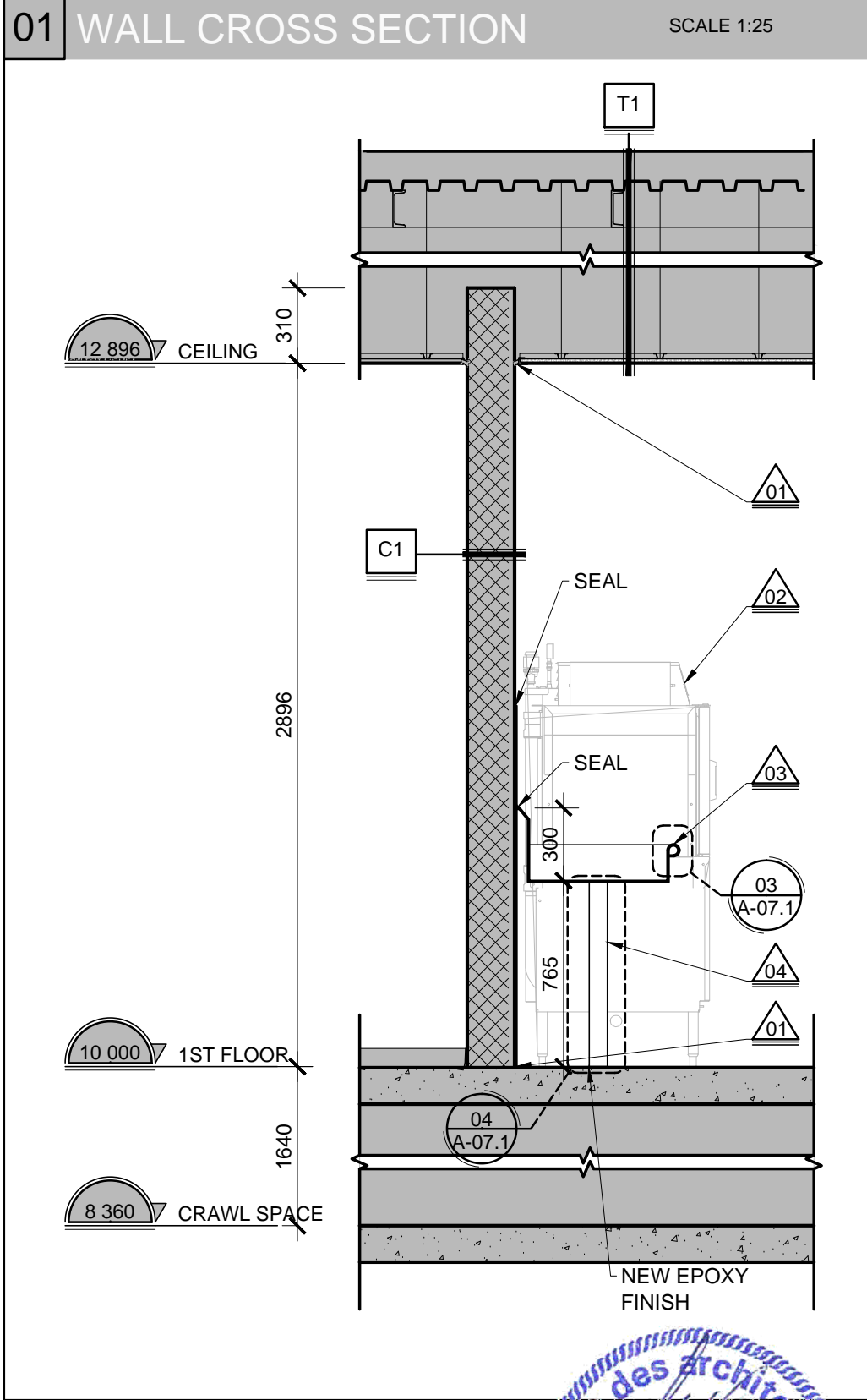


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ELEVATIONS CONSTRUCTION		X.O.	M.A.L.	2017-06-20	13 /14



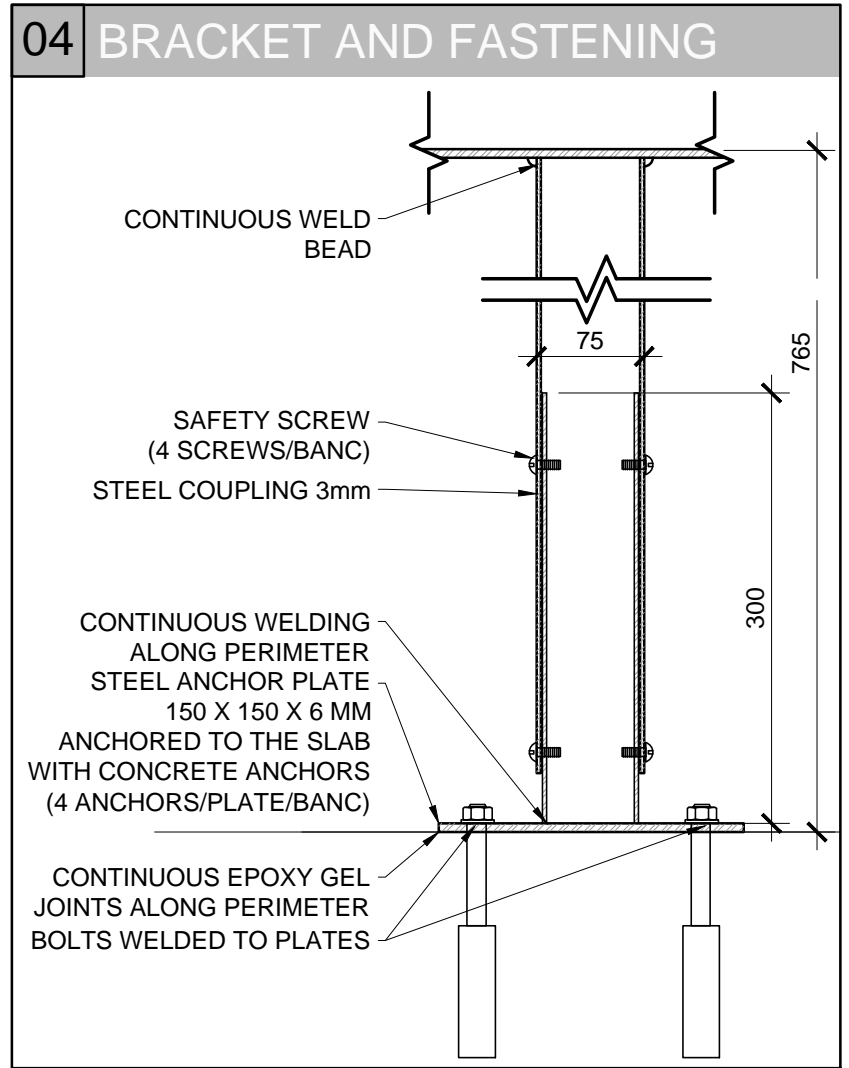
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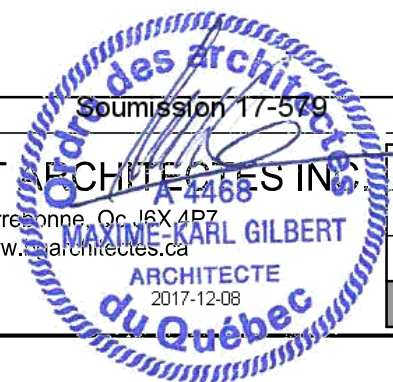
- SEE PAGE A-01

SPECIFIC NOTES:

- 01 EPOXY SEAL
- 02 NEW DISHWASHER, SEE ENG.
- 03 NEW STAINLESS STEEL FLOW TABLE WITH ROUNDED AND WELDED EDGES
- 04 STAINLESS STEEL BRACKET, SEE DETAIL FOR FASTENING



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SCC 550 - Rempl. de lave-vaisselle bâtiment D-3	SCC	17-579	A-07.1		
Nom Feuille	Sheet name	Drafted by:	Approved by:	Date:	Page no.
CROSS SECTIONS AND MATERIALS	X.O.	M.A.L.	2017-06-21	14	/14