

مناقصة عمومية لتلزم تقديم وتركيب منشآت مسبقة الصنع والتجهيز (Prefabricated Structures) لصالح المديرية العامة للدفاع المدني	
ملخص عن الصفقة	
إسم الإدارة	المديرية العامة للدفاع المدني
عنوان الإدارة	عين الرمانة - شارع غندور وسمعان- بناية بيضا
رقم التسجيل	٩٩٢٥ / ٢٠٢٠
تاريخ التسجيل	١٢ / ١٠ / ٢٠٢٦
عنوان الصفقة	تعديل دفتر الشروط الخاص رقم 1984/د.م تاريخ 2026/9/11 المتعلق بإجراء مناقصة عمومية لتلزم تقديم وتركيب منشآت مسبقة الصنع والتجهيز (Prefabricated Structures) لصالح المديرية العامة للدفاع المدني
موضوع الصفقة	تعديل دفتر الشروط الخاص رقم 1984/د.م تاريخ 2026/9/11 المتعلق بإجراء مناقصة عمومية لتلزم تقديم وتركيب منشآت مسبقة الصنع والتجهيز (Prefabricated Structures) لصالح المديرية العامة للدفاع المدني
طريقة التلزم	مناقصة عمومية
نوع التلزم	لوازم
مدة صلاحية العرض	30/ يوما" من التاريخ النهائي لتقديم العروض
ضمان العرض	1,200,000,000// ل.ل. مليار ومئتا مليون ليرة لبنانية
مدة صلاحية ضمان العرض	58/ يوما" من التاريخ النهائي لتقديم العروض
ضمان حسن التنفيذ	تحدد قيمة ضمان حسن التنفيذ بنسبة 4 % من قيمة العقد
الإرساء	السعر الأدنى الإجمالي لكامل الصفقة
مكان استلام دفتر الشروط	www.civildefense.gov.lb او ppa.gov.lb
مكان تقديم العروض	عين الرمانة- شارع غندور وسمعان- بناية بيضا- الطابق الثامن
مكان تقييم العروض	عين الرمانة- شارع غندور وسمعان- بناية بيضا- الطابق العاشر
مدة التنفيذ	إن الإلتزام هو لمدة ستة أشهر ، تبدأ إعتباراً من اليوم الذي يلي تاريخ تبليغ الملتزم رسو الإلتزام نهائياً" عليه
عملة العقد	الدولار الأميركي
دفع قيمة العقد	بموجب حوالة دفع بالليرة اللبنانية ، بعد تصديق محضر الإلتزام وفقاً" للأصول

م



قرار رقم 2235/د.م.

يتعلق بتعديل دفتر الشروط الخاص رقم 1984/د.م تاريخ 2026/9/11 المتعلق بإجراء
مناقصة عمومية لتلزييم تقديم وتركيب منشآت مسبقة الصنع والتجهيز (Prefabricated Structures)
لصالح المديرية العامة للدفاع المدني

المادة الأولى : تعديل طريقة التلزييم والإرساء :

تُلغى أحكام المادة الثانية من دفتر الشروط الخاص رقم 1984/د.م تاريخ 2026/9/11 ويُستعاض عنها
بالنص التالي:

- 1- يجري التلزييم بطريقة المناقصة العمومية على أساس تقديم أسعار.
- 2- يسند التلزييم مؤقتاً الى العارض المقبول شكلاً من الناحية الإدارية والفنية والذي قدم السعر الأدنى الإجمالي للصفقة.
- 3- إن المنشآت المطروحة للتلزييم محددة في الملحق رقم (5) نوعاً وكماً ومواصفات ، ويجري تلزييمها وفقاً لما هو محدد في الملحق المذكور.
- 4- يعتبر كل بند من البنود المدرجة في الملحق رقم (5) تلزيماً واحداً وعلى العارض الاشتراك في كامل المجموعات الأربعة ، ولا يقبل العرض الجزئي .
- 5- في حال رفض المشترك لأي سبب مخالف لقانون الشراء العام أو يتعلق بمقتضيات الجهات الرقابية المعنية ، يحق للإدارة الاحتفاظ بعرض الاسعار دون أن يحق له المطالبة به.
- 6- إذا تساوت الأسعار بين العارضين أعيدت الصفقة بطريقة الظرف المختوم بين أصحابها دون سواهم في الجلسة نفسها، فإذا رفضوا تقديم عروض أسعار جديدة أو إذا ظلت أسعارهم متساوية، عُيّن الملتزم المؤقت بطريقة القرعة بين أصحاب العروض المتساوية.

المادة الثانية: ضمان العرض :

تُلغى أحكام البند /1/ من المادة السادسة من دفتر الشروط الخاص رقم 1984/د.م تاريخ 2026/9/11 ويستعاض عنها بالبند التالي :

- 1- يُحدد ضمان العرض لهذه الصفقة بقيمة ://1,200,000,000/ل.ل. مليار ومائتا مليون ليرة لبنانية لكامل بنود الصفقة .

والباقي دون تعديل .



المادة الثالثة: تضاف إلى دفتر الشروط الخاص رقم 1984/د.م تاريخ 2026/9/11 مادة قانونية متعلقة بالنموذج المرجعي النهائي في المناقصة العمومية لتلزييم تقديم وتركيب منشآت مسبقة الصنع والتجهيز (Prefabricated Structures) لصالح المديرية العامة للدفاع المدني ، وفقا لما يلي:

- 1- " بعد إعلان قرار قبول العرض الفائز وتبليغ الملتزم تصديق العقد من المرجع الصالح، على الملتزم وقبل البدء بعملية الإنتاج الكمي، تقديم عينة نهائية مطابقة تماما" للمواصفات الفنية لاعتمادها من قبل الجهة الشارية بصورة رسمية .
- 2- تُعتمد هذه العينة كـ "نموذج مرجعي نهائي" (Golden Sample) ، وتُعتمد لدى الجهة الشارية كمعيار أساسي تُقاس عليه جودة المنشآت المقدمة عند الإستلام النهائي" .

المادة الرابعة : يعدل الملحق رقم (6) المرفق بدفتر الشروط الخاص رقم 1984/د.م تاريخ 2026/9/11 المتعلق بالمواصفات الفنية الخاصة بالمناقصة العمومية لتلزييم تقديم وتركيب منشآت مسبقة الصنع والتجهيز (Prefabricated Structures) لصالح المديرية العامة للدفاع المدني ، وفقا" للوائح المرفقة ربطا" .

المادة الخامسة : يُنشر هذا الملحق على المنصة الإلكترونية المركزية لدى هيئة الشراء العام وعلى الموقع الإلكتروني الخاص بالمديرية العامة للدفاع المدني www.civildefense.gov.lb

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بيروت ، في ١٢ تموز ٢٠٢٦

المدير العام للدفاع المدني

العميد الركن عماد خريش



ANNEX 6

TECHNICAL SPECIFICATIONS FOR PREFABRICATED STRUCTURE

LOAD	Floor load	2.5 KN/m ² (250 kg/m ²)
	Snow load	2.5 KN/m ² (250 kg/m ²)
	Wind load	2.5 KN/m ² (250 kg/m ²)
CHASSIS	<ul style="list-style-type: none"> * Welded Frames are not accepted * Main frame: Composed of cold roll formed galvanized steel profile (Galvanization 275g/m²) of a minimum thickness 2.5mm and minimum height of 15cm, welded to the main supporting system. * Secondary frame: Composed of cold roll formed galvanized steel profile (Galvanization 275g/m²) of 2mm thickness Omega section of depth 10 cm running every 40cm from center to center or C-channel of depth 15cm and 2.5 mm thickness running every 40cm from center to center. * Note: Make sure that the Omega section or C-channel in the middle to be directly installed under the mid columns. * Addition of 2 longitudinal Galvanized hollow sections size: 4x8cm (or equal) in the middle welded to the 2 main transversal frames for units' type A, B, C and D to be supported by the middle steel legs. * Supporting steel legs quantity of 9 to be distributed as follows: legs around the sides and one leg in the center (the mid 3longitudinal legs are removable) 	
FLOOR	<ul style="list-style-type: none"> * Cement board 16mm thick. (Asbestos free) mounted with self-threading screws to the secondary beams covered with: - FULL P.V.0 roll (P.V.0 must be European 2 mm thick) for dry areas (F01). - Ceramic tiles impact resistant (Local approved tiles-color dark grey) for wet areas (F02). * - A cushioning material underneath cement board where in contact with the frame 	
COLUMNS&WALLS	<ul style="list-style-type: none"> * Columns: A minimum of 6 columns (4@ corners ,2@ middle) composed of cold roll formed galvanized steel profile (Galvanization 275g/m²) of a minimum thickness 2.5mm, welded to the main supporting system to allow the hole unit to be lifted by crane from it's top. * Walls: Composed of insulated high ribbed sandwich panels as follows: 1- Thickness 50mm. 2-Outer & Inner skins 0.5mm thickness (Galvanization 220g/m²) pre-painted steel sheets (color: off-white). * 3-Injected PIR foam (fire resistance) of a minimum density 42kg/m³ 	
ROOF	<ul style="list-style-type: none"> * Welded Frames are not accepted * Frame construction: - Main frame: Composed of cold roll formed galvanized steel profile (Galvanization 275g/m²) of 2.5mm thickness (min) and a minimum height of 25 cm. - An addition of 2 longitudinal secondary steel framing made of cold roll hollow section profile Size: 4x8cm (or equal) in the middle. * Roof cover: Composed of pre-painted high ribbed sandwich panels as per follows: 1-Thickness 50-90mm. * 2-Outer & Inner Skins 0.5mm thickness (Galvanization220g/m²) * re-painted steel sheets (color: off-white). 	



	<p>3-Injected PIR foam (fire resistance) of a min density 42kg/m^3 with a min 4% slope to the surrounding gutter with 4 steel drain pipes 3" diameter. * Each unit:</p> <p>1- Shall be stackable up to two stories.</p> <p>2- Contains two steel chassis fixed on top of roof made from 1.5" galvanized pipes covered with 2 mm thick sheet, one for the P.V.O water tank and the other for the A.O unit.</p> <p>3- Contains two steel corner plates welded on the mid of the 2 longitudinal main frames for stackable usage for units type A, B and C.</p>
DOORS	<p>Made of 2 layers of pre painted steel sheets (Galvanization 220g/m²) injected with PIR foam of a minimum density of 42 Kg/m³ and a steel frame equipped with 3 hinges adjustable in height, handle with standard imbedded lock (Yale), imbedded rubber sealant around the door and quantity: 2 door stoppers (spherical type) for each door.</p> <p>* Door sizes (with tolerance 5%):</p> <p>1- Unit A:</p> <p>D1: Qty: 1/Size: 90cm x210 cm/ External door as per above specs.</p> <p>D3: Qty: 1/Size: 70cm x210 cm/W.C. door as per above specs.</p> <p>2- Unit B:</p> <p>D1: Qty: 1/Size: 90cm x210 cm/ External door as per above specs.</p> <p>W.C / D4: Qty: 3/Size: 80cm x210 cm/ PVC / Hinged Type</p> <p>Shower / D6: Qty: 3/Size: 80cm x210 cm/ PVC Foldable Door</p> <p>D7: Qty: 3/Size: 80cm x210 cm/Aluminum Frame with Clear Frosted Plastic Panel / Hinged Door</p> <p>3- Unit C:</p> <p>D1 Qty: 1/Size: 90cm x210cm/ External door as per above specs.</p> <p>4- Unit D:</p> <p>D1: Qty:2/Size: 90cm x210 cm/ External door as per above specs.</p> <p>D4: Qty:2/Size: 80cm x210 cm/ / PVC / Hinged Type For W.C.</p> <p>D6: Qty: 1/Size: 80cm x210 cm/ PVC Foldable Door</p> <p>D6: Qty: 2/Size: 80cm x210 cm/ Aluminum Frame with Clear Frosted Plastic Panel / Sliding Door / One side fixed Size 120x200</p>
WINDOWS	<p>* Room windows: Made of aluminum sliding profiles "Sidem 2000 "of 6 mm glass with "Folda" type accessories</p> <p>* All windows are completed with fly screen and steel bars 14mm rounded or square filled profile painted white color @ 15cm C/C</p> <p>* Canopy (20cm) over room windows</p> <p>* All room windows are 6 mm clear glass</p> <p>* All Toilet Windows are 6mm frosted wired glass</p> <p>Windows dimensions:</p> <p>Unit A: W1: Qty: 2/size: 115cm x100cm/Sliding profile</p> <p>W2: Qty: 1/size: 40cm x40cm/Hinged Profile</p> <p>Unit B: W2: Qty: 3/size: 40cm x40cm/Hinged Profile</p> <p>W3: Qty: 2/size: 120cm x40cm Sliding Profile</p> <p>Unit C: W1: Qty: 2/size: 115cm x100cm / Sliding profile</p> <p>Unit D: W1: Qty: 1/size: 115cm x100cm / Sliding profile</p> <p>W2: Qty: 2/size: 40cm x40cm / Hinged Profile</p>



ELECTRICAL INSTALLATION	<ul style="list-style-type: none"> * Electrical supply voltage provided (220v, 50 Hz) phase * All electrical items shall be European made. * Main panel board: An electrical distribution system that supports: <ul style="list-style-type: none"> * Circuit breaker (Differential) * Circuit breaker (Socket) * Circuit breaker (Light) * Circuit breaker (A.C) <p>Circuit breaker: Residual current circuit breaker for water heater shall have a breaking capacity of 3 KA and sensitivity of 30 mA with a modular enclosure (refer to table I).</p>
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Table 1:

Capacity (I-)	Electric resistance (W)	Residual current circuit breaker (A)	Electrical cable NYMBY (mm2)
60	1500	2x 1 OA — 3KA 30 mA	2 x 4
150	3000	2 x 16A — 3KA 30mA	2 x 4

Electrical Fixtures	Unit A	Unit B	Unit C	Unit D
Dry areas: Lighting fixtures: European MADE damp proof LED PRO 1200 40W 6500K	2		2	
Wet areas: European MADE /1x15W Compact fluorescent	1	4		2
Outdoor light water proof: European MADE	1	1	1	2
Panel board	1	1	1	2
Switch (one separate switch for the exhaust fan)	3	5	2	6
Electrical socket	3		4	
Waterproof electrical socket	1	5		7
Toilet exhaust fan 60cfm (7cm+-20%) European made	1	3		2

SANITARY INSTALLATION	<ul style="list-style-type: none"> * All electrical distribution made from PVC pipes embedded in walls. * Connection Box: For AC & water heater, type plastic IP44 (P+N+T). * All cables are of size 4mm² except lighting 2.5mm² * Qty: 1 Industrial waterproof socket underneath each unit connected to the <u>main panel board to be connected to the external power unit.</u>
	<ul style="list-style-type: none"> * Lavatory: Local brand-LECICO Type with column Type A * Lavatory: Stainless Steel Table complete with legs and shelf / Qty 4 Mixers & Drainage hole for type B & Qty 2 Mixers Drainage hole for Type D * Water closet: Lecico type Size: 60x35.5cm with water spray (European made) * Shower Tray: Ceramic Tile / One piece with skirting and Threshold * Stainless Steel Sink complete with mixers and Aluminum Closet Underneath * Water heater of capacity 60 Lit for unit A and of capacity 150L for unit B, and of capacity 120L for unit D , locally made of galvanized steel with 3mm thickness and thermal insulation made of mineral materials of 5cm thickness jacketed externally with 6/10mm black steel with (white) enameled paint. The heater shall be equipped with automatic release valve and drain valve, 2 flexible water connections, thermometer, thermostat and an On/Off indicator lamp



	<ul style="list-style-type: none"> * Faucets & Mixers: European made. * Pipes: PPR / European MADE * Drains: PVC European type min of 3" for lavatory and showers and 4" for water closet. * All fixations must be done by welding and/ or Sliding. * All pipes underneath the unit must be separated as follows: <ul style="list-style-type: none"> - One for the Blackwater coming from the water closets. - One for the Greywater coming from the lavatory and shower tray. <p>Each W.O must be equipped with Qty: 1 Floor drain with stainless steel cover (European made)</p>
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INTERNATIONAL DIMENSIONS	<p>A: 3.6m x 6.0m x 2.4m. Unit B: 3m x 6.0m x 2.4m.</p> <p>Unit C: 3.6m x 6.0m x 2.4m. Unit D: 3m x 6.0m x 2.4m.</p> <p>Shop drawings should be submittals for approval before the construction of unites with a tolerance of 0.5%.</p>
WARRANTY	<p>All units must be warranted for a min period of 3 years.</p> <p>All equipment / installations must be warranted for a min period of 1 year. Prefabricated structures and installed equipment that show bad performance or malfunction as a result of bad manufacture or due to use of materials of low quality shall be replaced or repaired by the contractor and fully on his expense within a period of one month from notification.</p>
DRAWINGS	Refer to attached drawings for all details.
MISCELLANEOUS	<p>1- Placement of adhesive foam seal tape under all removable installations edges and covers (A - 405).</p> <p>2- Isolation of all water channels and welding locations with the appropriate materials (A - 403).</p> <p>3- Increase the number of fixing screws on all channels, corners, partitions etc. (one screw every 30cm --+ 40cm) (A - 405).</p> <p>4-</p> <ol style="list-style-type: none"> a) Replacement of the toilet door regular lock with a stainless steel toilet door bolt latch from inside and stainless steel toilet door roller bolt latch for closure (A - 408) . b) Placement of two stainless steel handles (one from each side) fixed to the toilet door (unit B) by means of screws and connected to each other's by a rectangular shaft square bar spindle. The handles are fixed on the shaft with Allen screws. <p>5- The shower curtain bar fixing rings shall be stainless steel with a minimum thickness of 3mm.</p> <p>6- All sanitary and drain pipes shall be fixed under the structure by means of split pipe clamp rubber lined pipe support (A - 410).</p> <p>7- Placement of galvanize steel mesh covered with PVC (12 mm x 12 mm) having 1.5 mm thickness on the roof edges and fixed by means of galvanized steel fasteners as shown in drawing (A - 402) .</p> <p>8- All adhesive materials used in the sanitary drain systems shall be PVC-U, North American or European brand or others equivalent.</p>



9- Silicon material used for insulation (toilet and shower corners, strainers fittings, aluminum windows and doors etc.) shall be of polyurethane base or better equivalent in order to withstand the different environmental factors and to resist water leaks

AEG18WPW-PRST-001-1



SECTION NUMBER
DRAWING NUMBER

ELEVATION NUMBER
DRAWING NUMBER



DETAILED SECTION S2
DRAWING NUMBER



WINDOW NO.



DOOR NO.



EXHAUST FAN



DOORS SCHEDULE

door NO.	MATERIALS	WIDT.	HIGH.	REMARK
D1	PREPAINTED STEEL	90	210	TWO LAYER PREPAINTED STEEL SHEET INJECTED WITH PIR FOAM
D2	PREPAINTED STEEL	80	210	TWO LAYER PREPAINTED STEEL SHEET INJECTED WITH PIR FOAM
D3	PREPAINTED STEEL	70	210	TWO LAYER PREPAINTED STEEL SHEET INJECTED WITH PIR FOAM

WINDOWS SCHEDULE

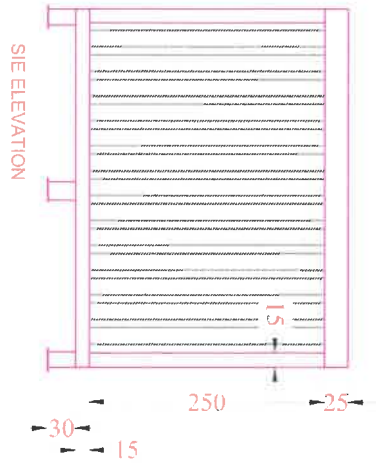
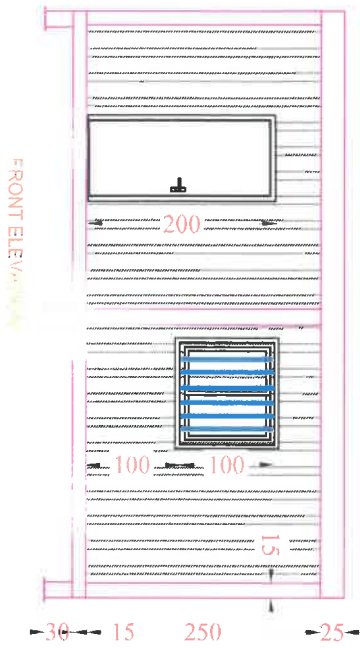
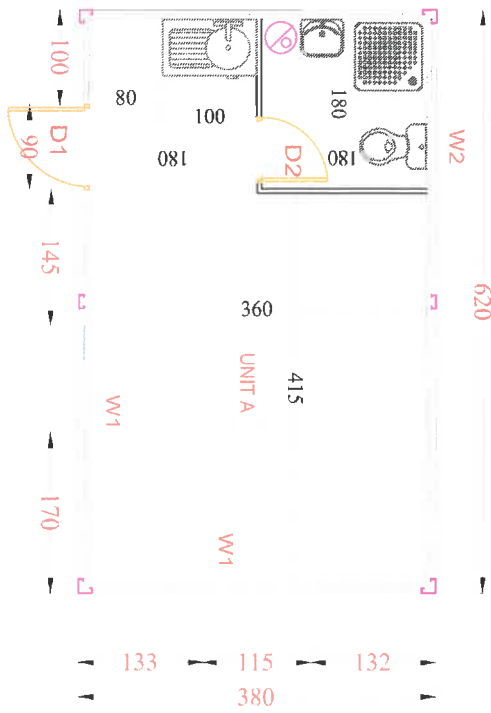
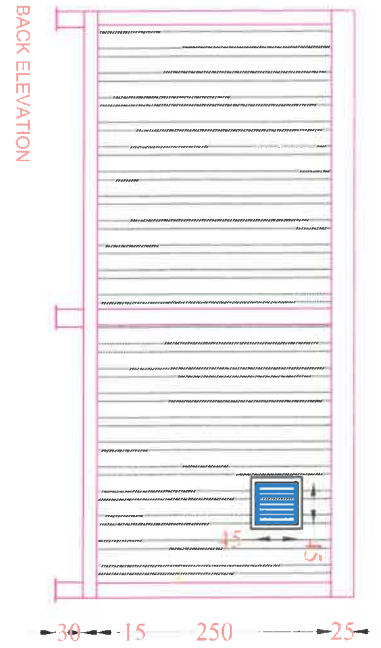
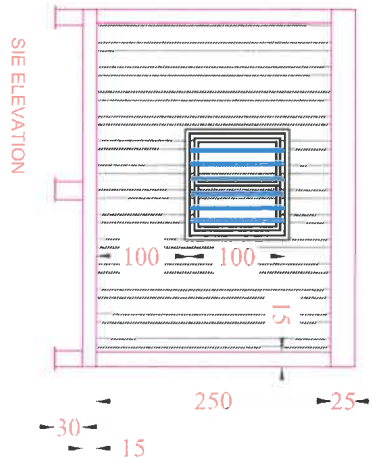
WIN. NO.	MATERIALS	WIDT.	HIGH.	REMARK
W1	ALUMINUM GLASS	100	115	SLIDING PROFILE SIDEM 2000 OR EQUIVALENT ALL ACCESSORIES ARE FOLDA BRAND
W2	ALUMINUM GLASS	120	40	SLIDING PROFILE SIDEM 2000 OR EQUIVALENT ALL ACCESSORIES ARE FOLDA BRAND
W3	ALUMINUM GLASS	40	40	HINGED PROFILE SIDEM 2000 OR EQUIVALENT ALL ACCESSORIES ARE FOLDA BRAND

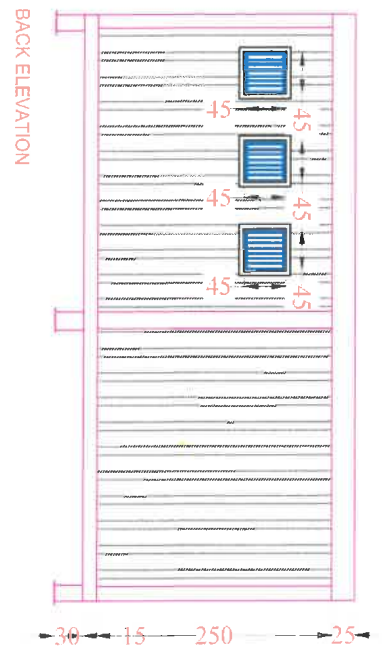
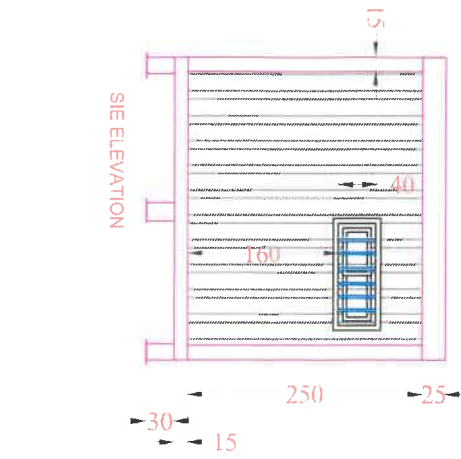
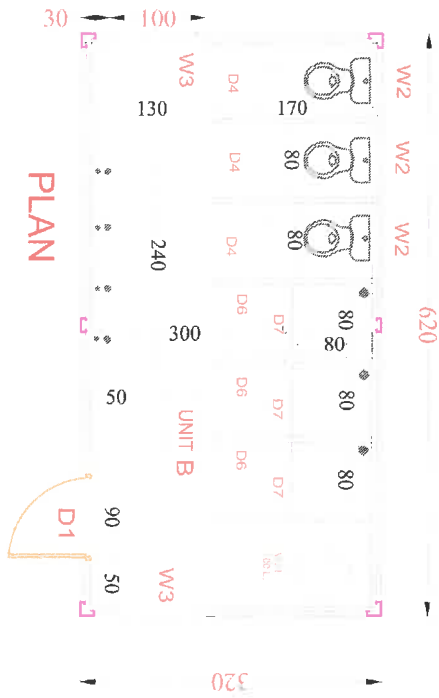
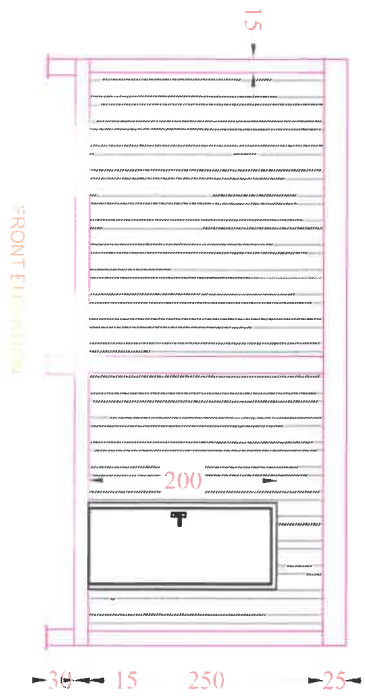
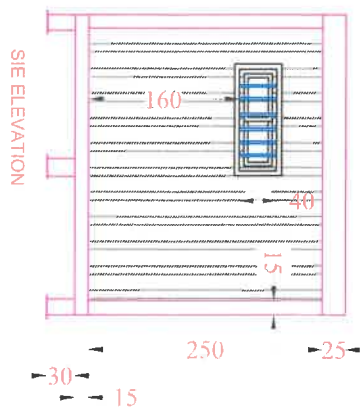
FINISHING SCHEDULE

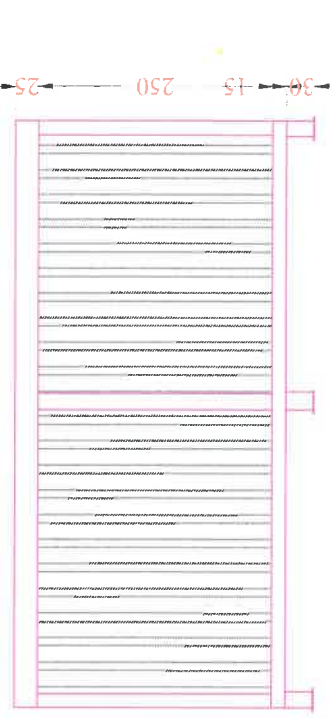
SPACE NO=	FLOOR	WALL	REMARK
F01	PVC	TWO SIDE LAYER (INNER AND OUTER) REPAINTED STEEL SHEET INJECTED WITH PIR FOAM	FULL PVC ROLL EUROPEAN MADE WITH MINIM 2 mm THICKNESS
F02	CERAMIC	TWO SIDE LAYER (INNER AND OUTER) REPAINTED STEEL SHEET INJECTED WITH PIR FOAM	30x30 IMPACT RESISTANT CERAMIC TILE

PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE

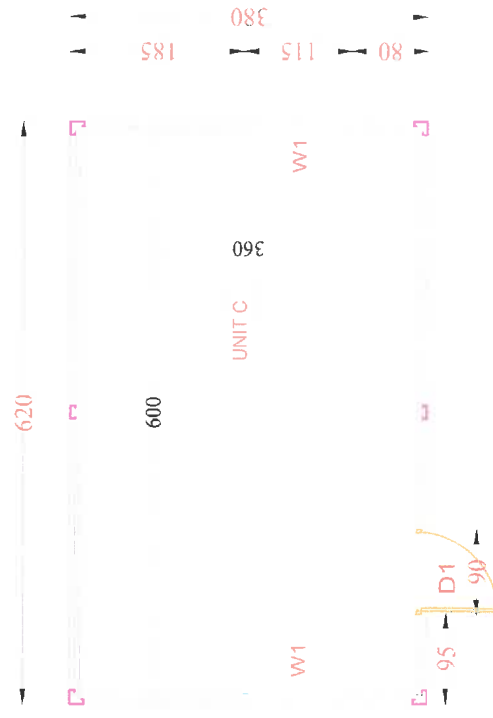
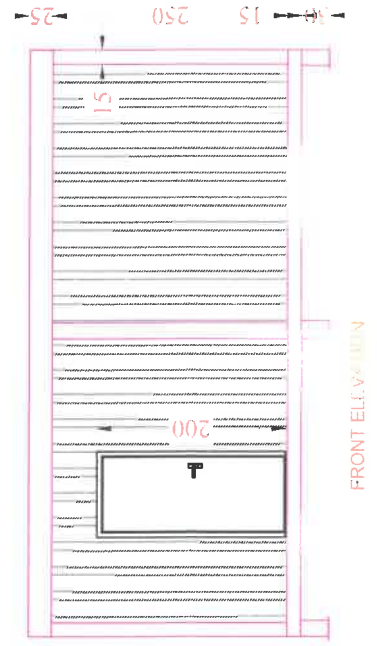




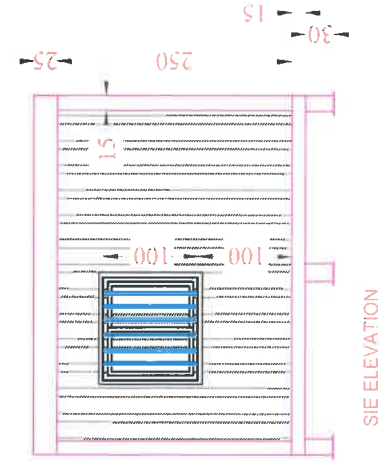




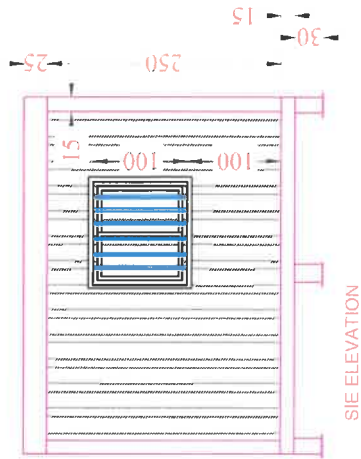
BACK ELEVATION



FRONT ELEVATION

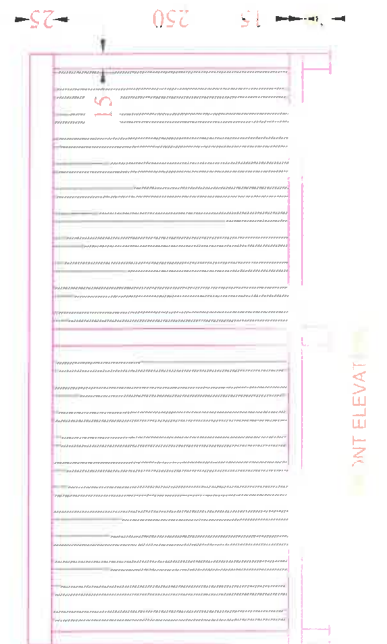
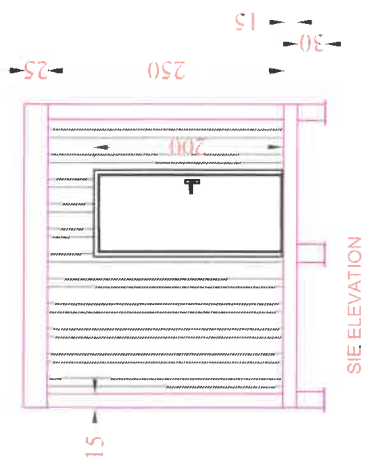
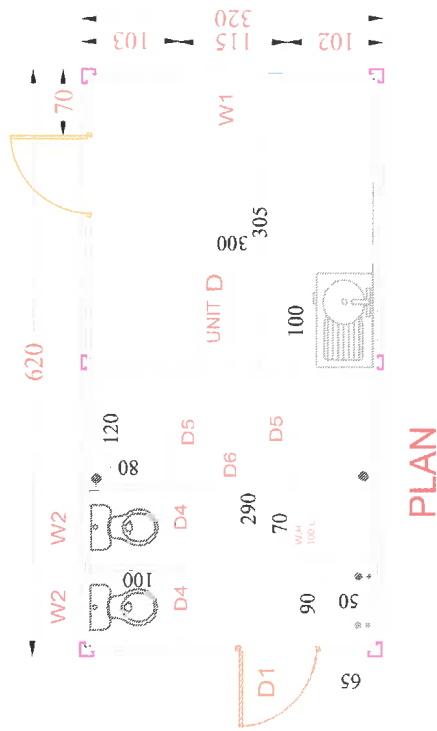
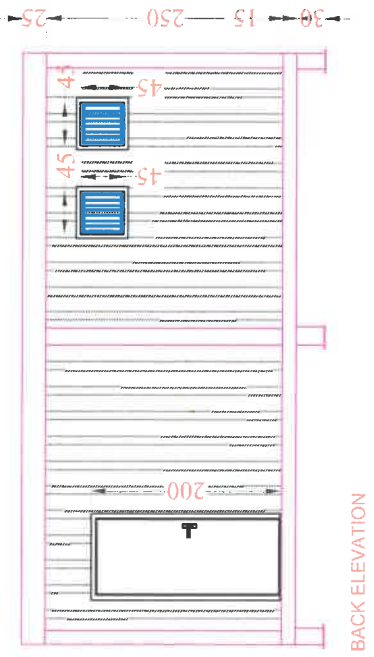
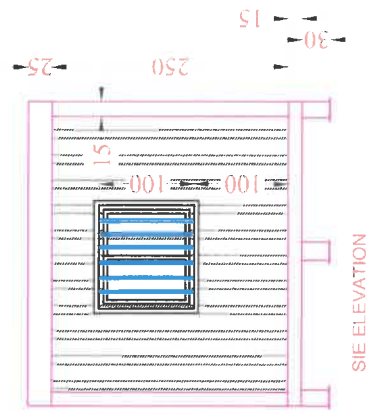


SIE ELEVATION



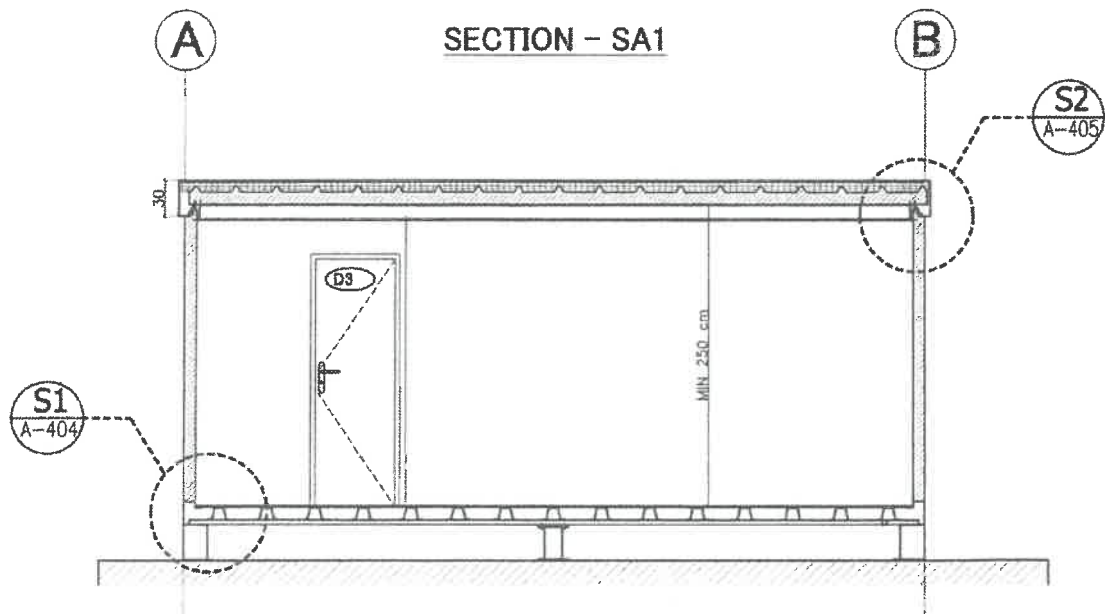
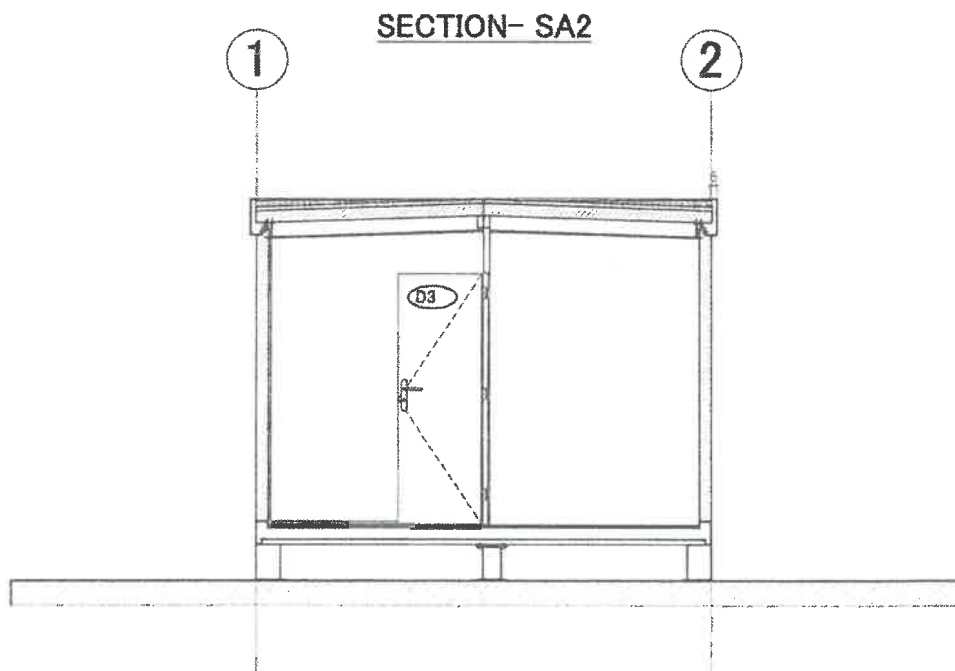
SIE ELEVATION





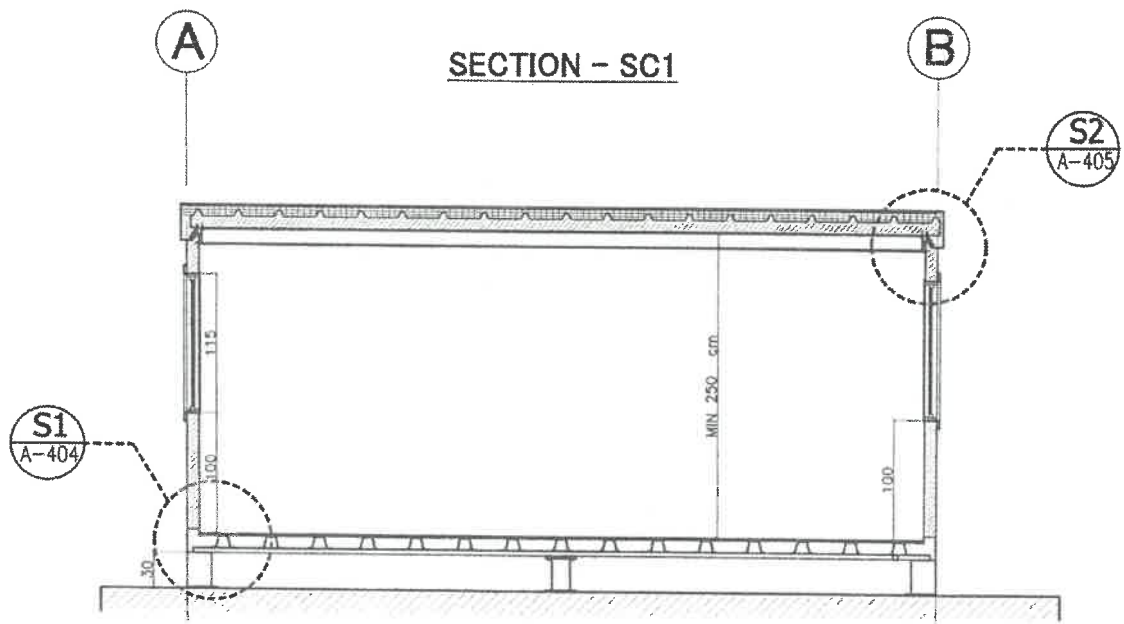
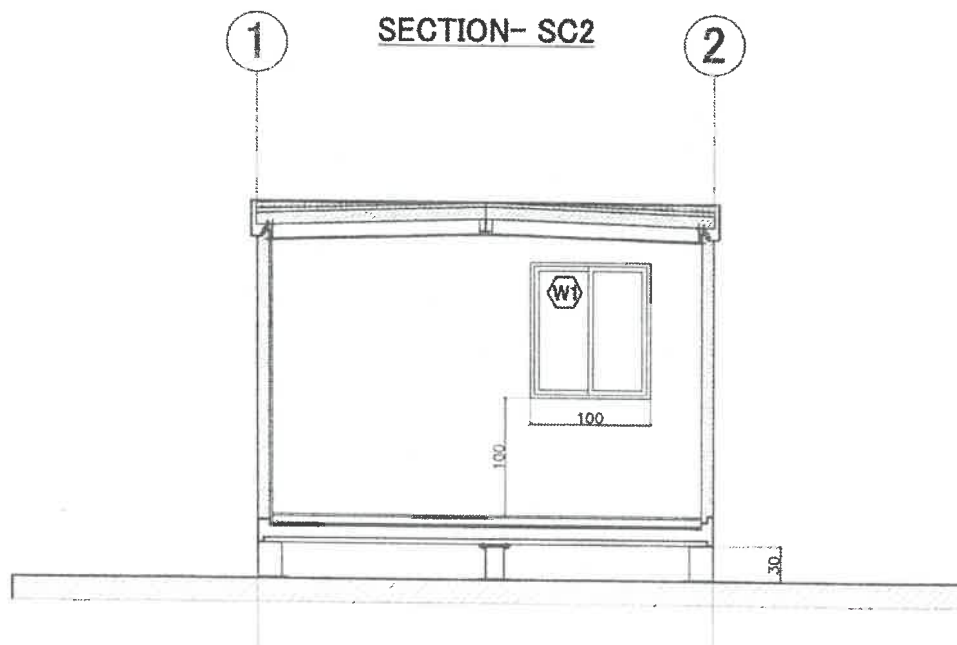


AEG18WPW-PRST-001-1



PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE

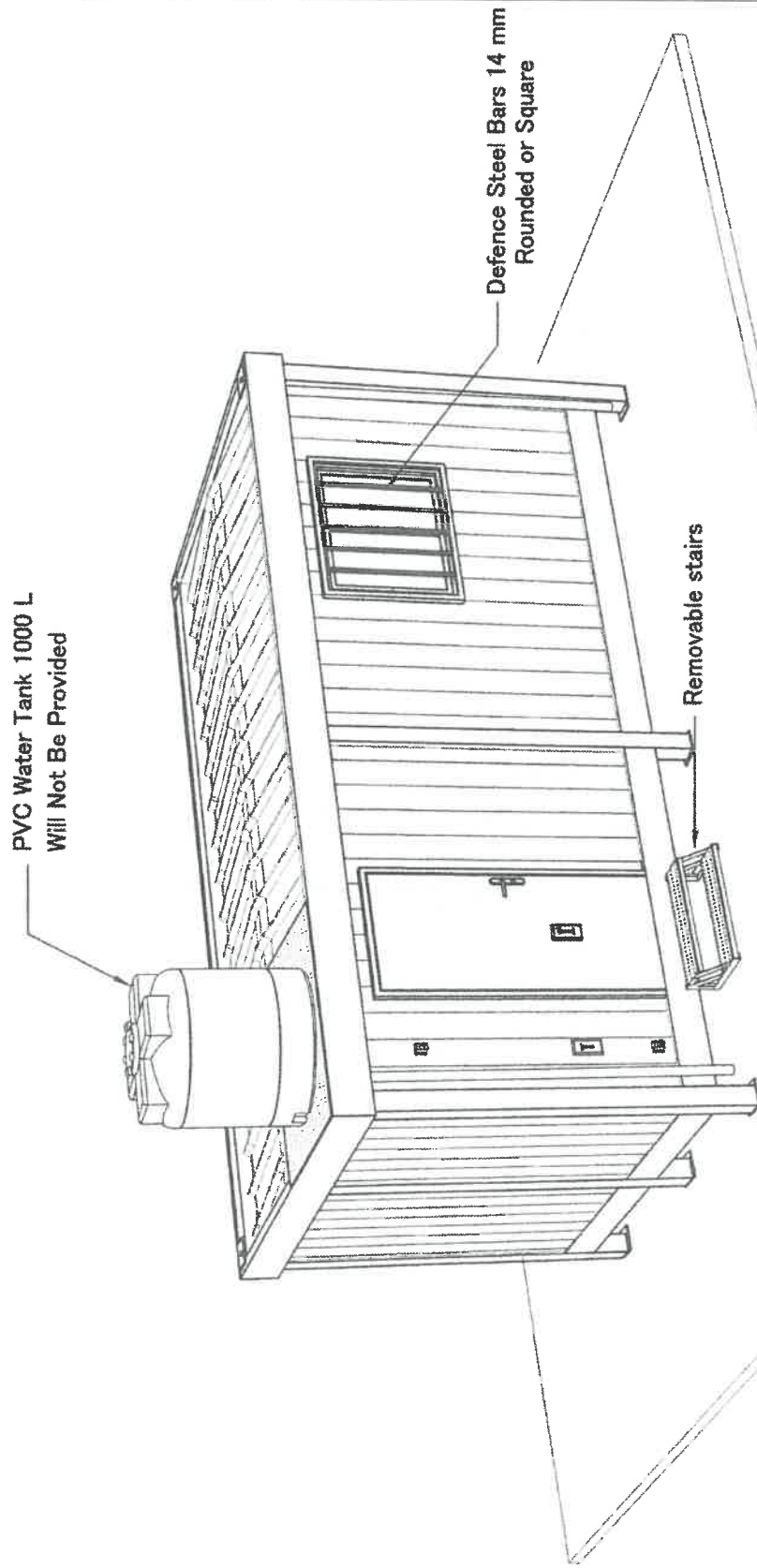
AEG18WPW-PRST-001-1



PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE



AEG18WPW-PRST-001-1



OJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE

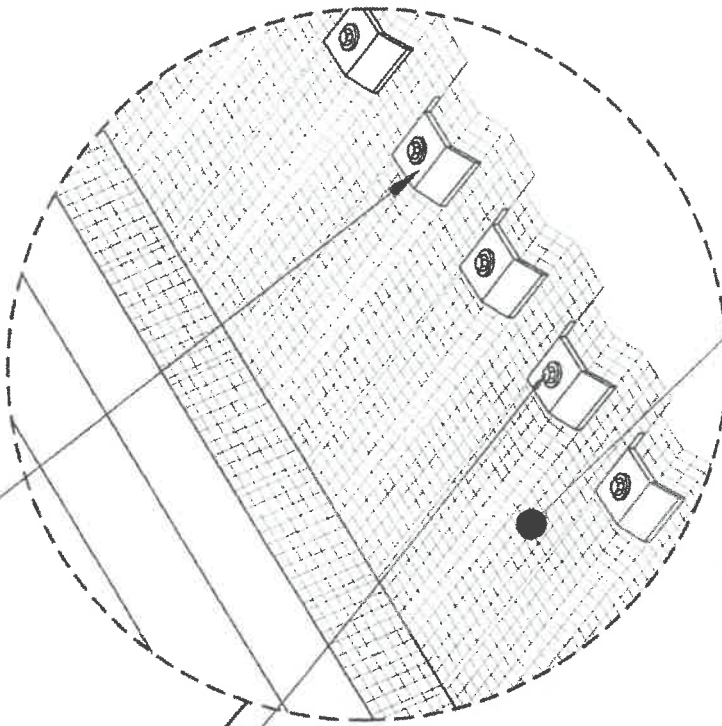
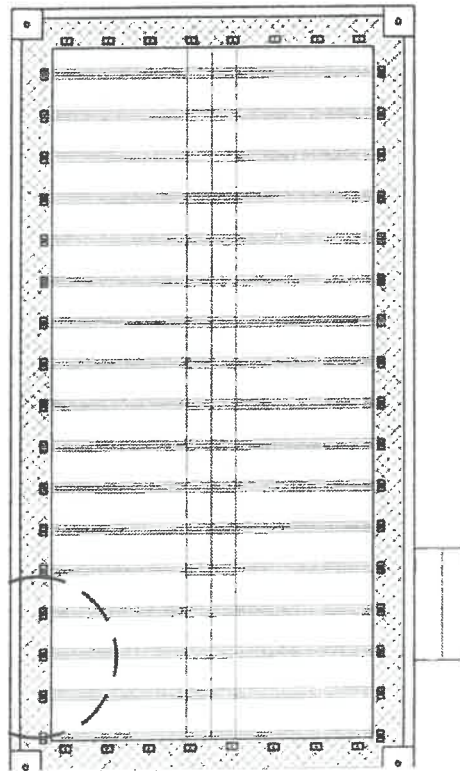


AEG18WPW-PRST-001-1

Galvanized steel Fasteners $\wedge$ Shaped
According to the Sandwich Panel
With Thickness 2.5 mm

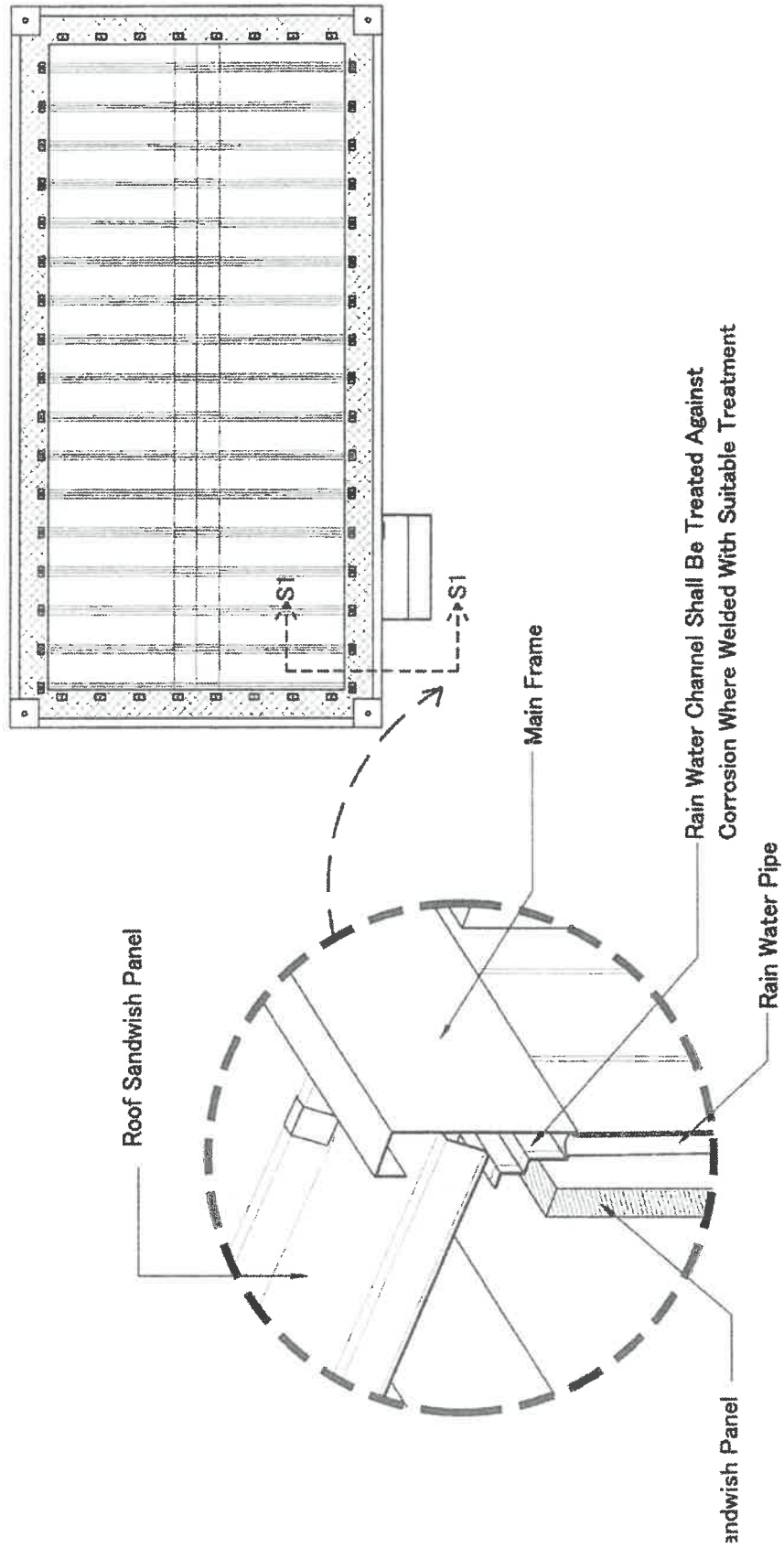
ProCap Galvanized
Steel Roofing Screw

Welded Mesh 12x12 mm
Thickness 1.5 mm covered



PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE

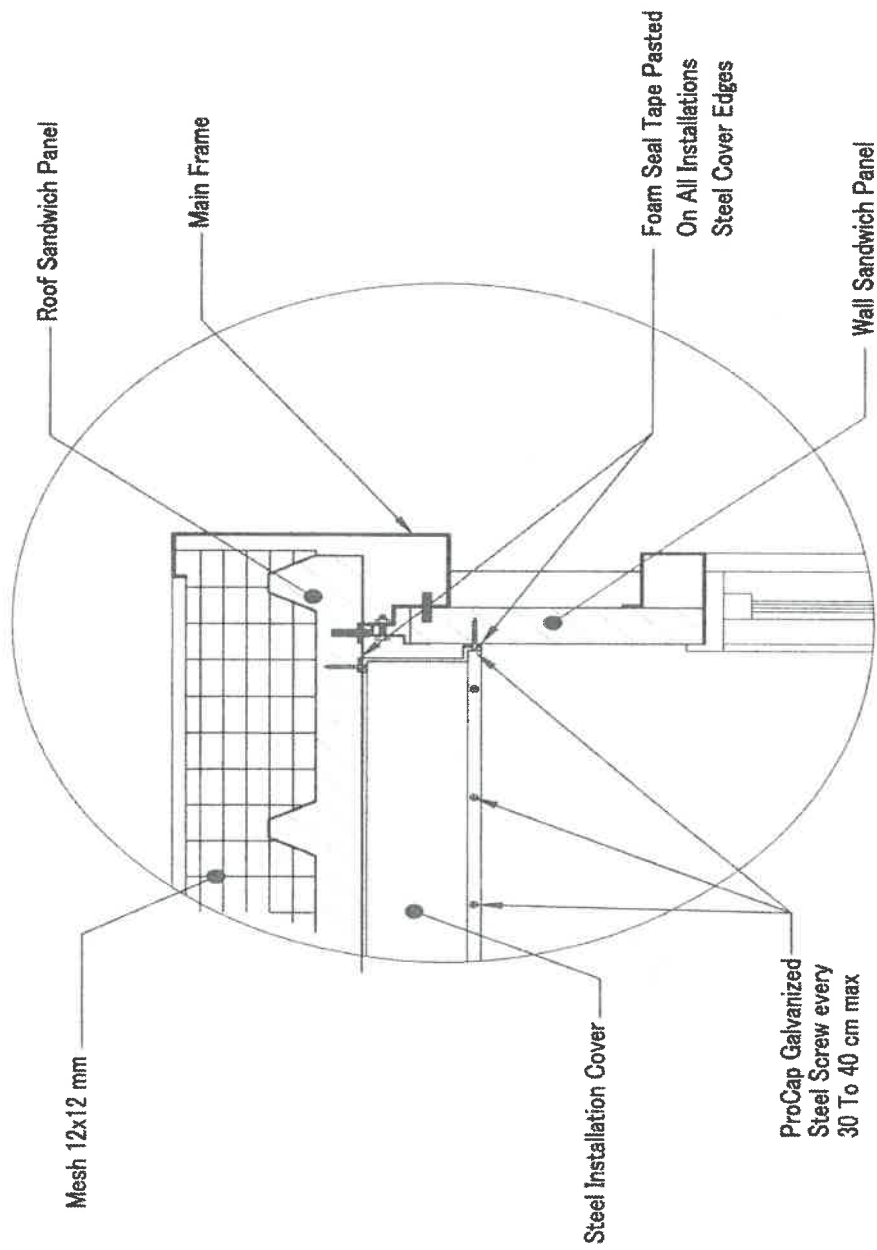




OBJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE



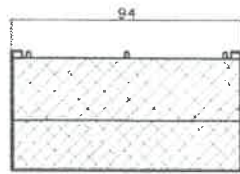
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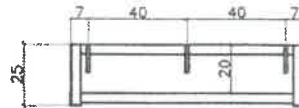
OBJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE



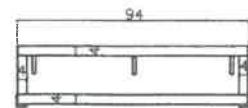
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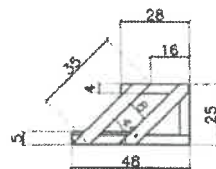
TOP VIEW



REAR VIEW



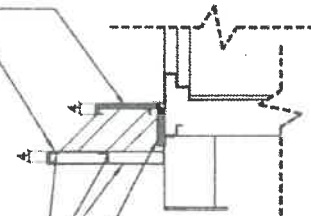
FRONT VIEW



SIDE VIEW

Rounded Steel Bars 14 mm

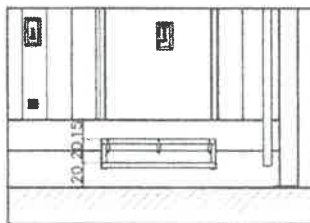
Steel Sheet With
With Thicknes 2.5 mm



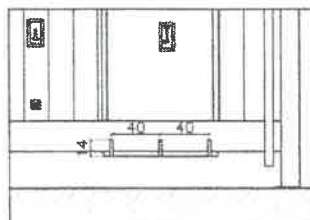
Cross-Section

painted galvanized steel L channel
shape 4x4 thickness 2mm

3Nb Galvanized Steel Pipe With
Inside Dimeter 16 mm Welded
To The Main Frame

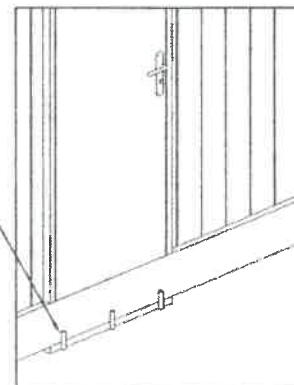


ELEVATION



ELEVATION

3Nb Galvanized
Steel Pipe With
Inside Diameter
16 mm Welded
To The Main
Frame



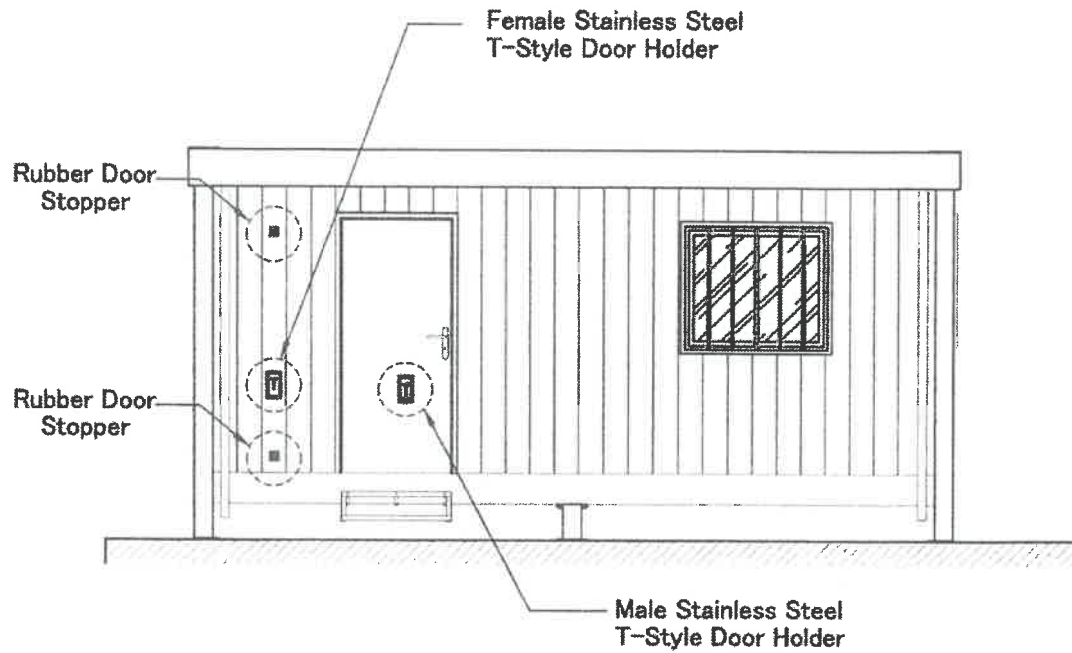
3Nb Rounded Steel Bars 14 mm

Demonstrative 3D View

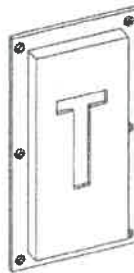
PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE



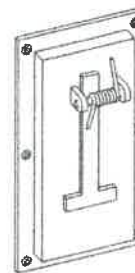
AEG18WPW-PRST-001-1



3D VIEW
Rubber Door Stopper



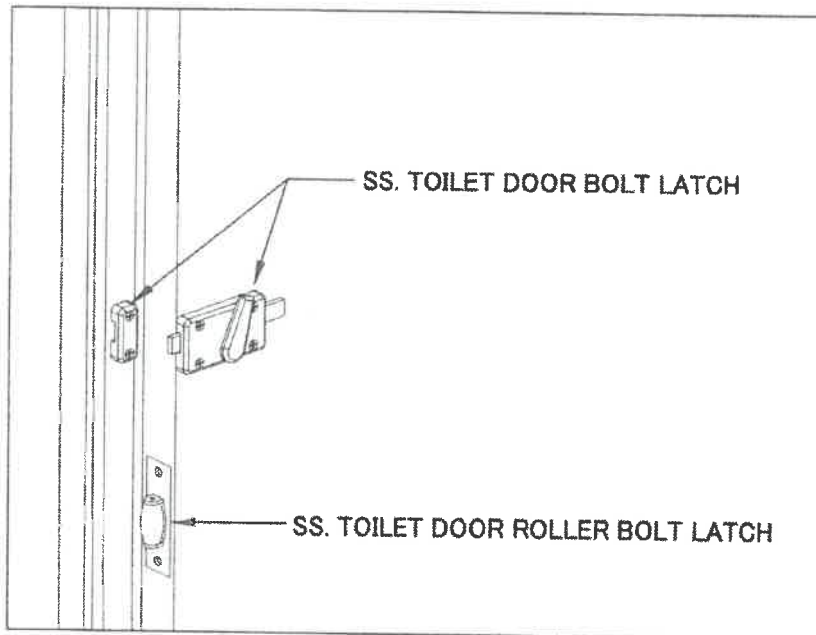
3D VIEW
Female Stainless Steel
T-Style Door Holder



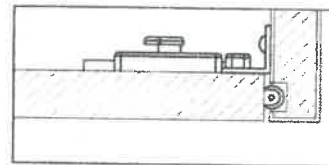
3D VIEW
Male Stainless Steel
T-Style Door Holder

PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE

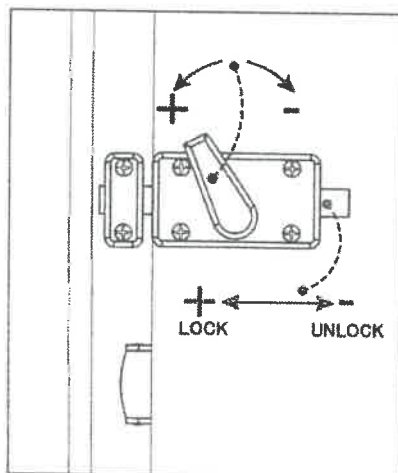




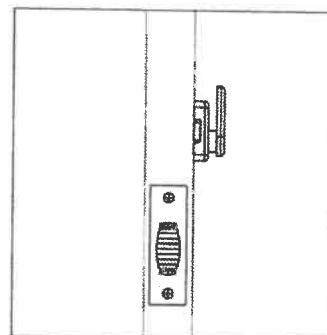
3D VIEW INSALLATION



TOP VIEW INSALLATION



FRONT VIEW INSALLATION

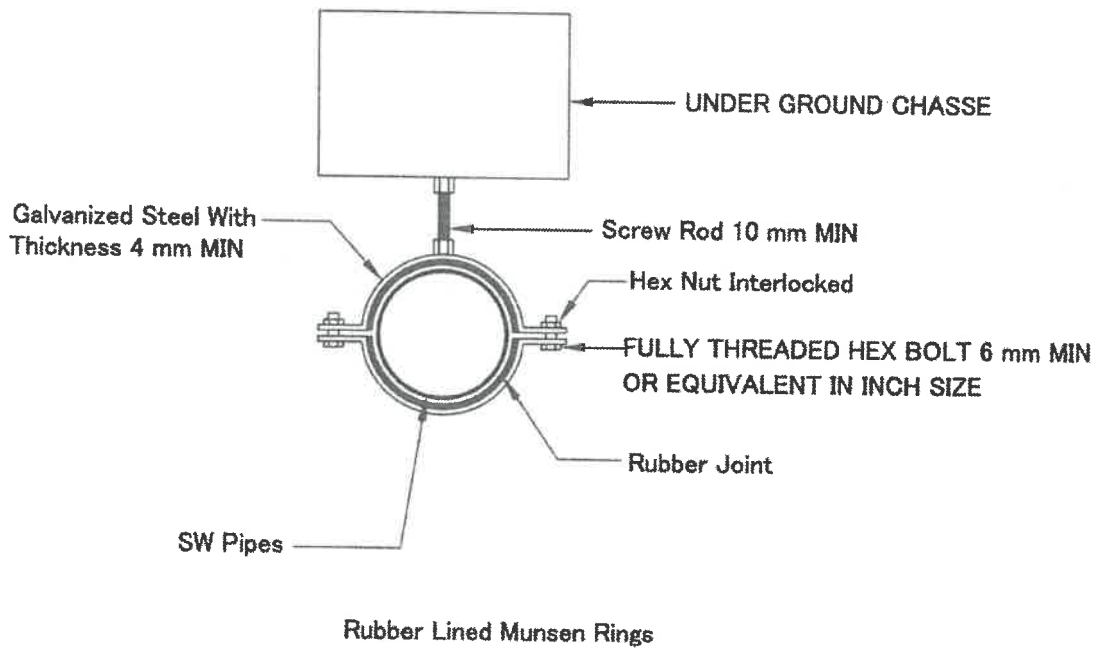
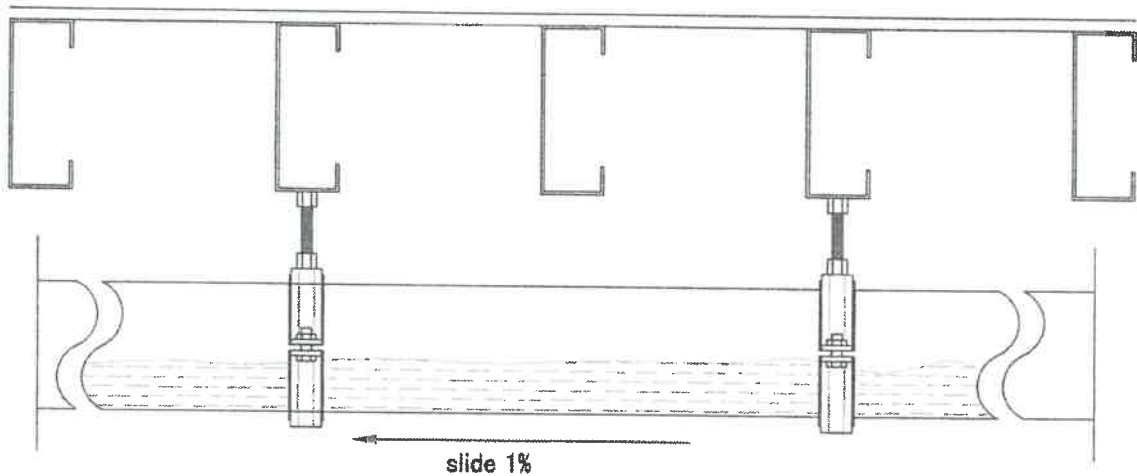


SIDE VIEW INSALLATION

PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE



AEG18WPW-PRST-001-1



PROJECT: TECHNICAL SPECIFICATION FOR PREFABRICATED STRUCTURE

DWG .TITLE: PLUMBING PIPE TO FASTENED

SCALE: N.T.S

DATE: 7-2-2018

