

工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 2377 / 20

修改版次：-

工程編號：J - 852

工程名稱：亞皆老街中電

工程項目：百葉 不秀鋼雀網 網眼 5X5

收件人：生統 / 楊榮輝

發件人：Ant Yeung

日期：03/09/2020

□要求提供 / □確認 事項：

- () 初步鋁料 B.M. () 加工拆圖，然後生產 () 尺寸表
 () 正式鋁料 B.M. () 技術上資料 / 指示 () 報價
 () 配件 B.M. () 樣辦或貨品說明書 () 分判合約
 () 其他：_____

內容：

本工程百葉，如無背板全用雀網。(包括窗上百葉)

雀網：不秀鋼雀網 網眼 5X5

水洪：請安排拆圖。(包括窗上百葉)

請留意 謝謝

請在 2020 / 09 / 07 前完成上列要求。

附：3 頁

以上項目為：

- 原合約工程包 原合約工程加 / 減賬 新工程報價

原因：-

分發東莞各部門：

- () 生產技術總監 □連附件 () 技術部 □連附件 () 生產部 □連附件 () 機械設計部 □連附件
 () 採購部 □連附件 () 生產統籌部 □連附件 () 水羅 & 清 □連附件
 () 質檢部 □連附件 () 會計部 □連附件 () 報關組 □連附件 () 其他 楊榮輝 □連附件

分發其他分判：

- (v) 水洪 □連附件

分發香港各部門：

- () 行政部 □連附件 () 會計部 □連附件 () 統籌部 □連附件 () 工程部地盤科文 □連附件
 () 採購部 □連附件 () QS 部 □連附件 () 維修部 □連附件 () 其他 _____ □連附件

傳遞編號：

HK 1994 / 20

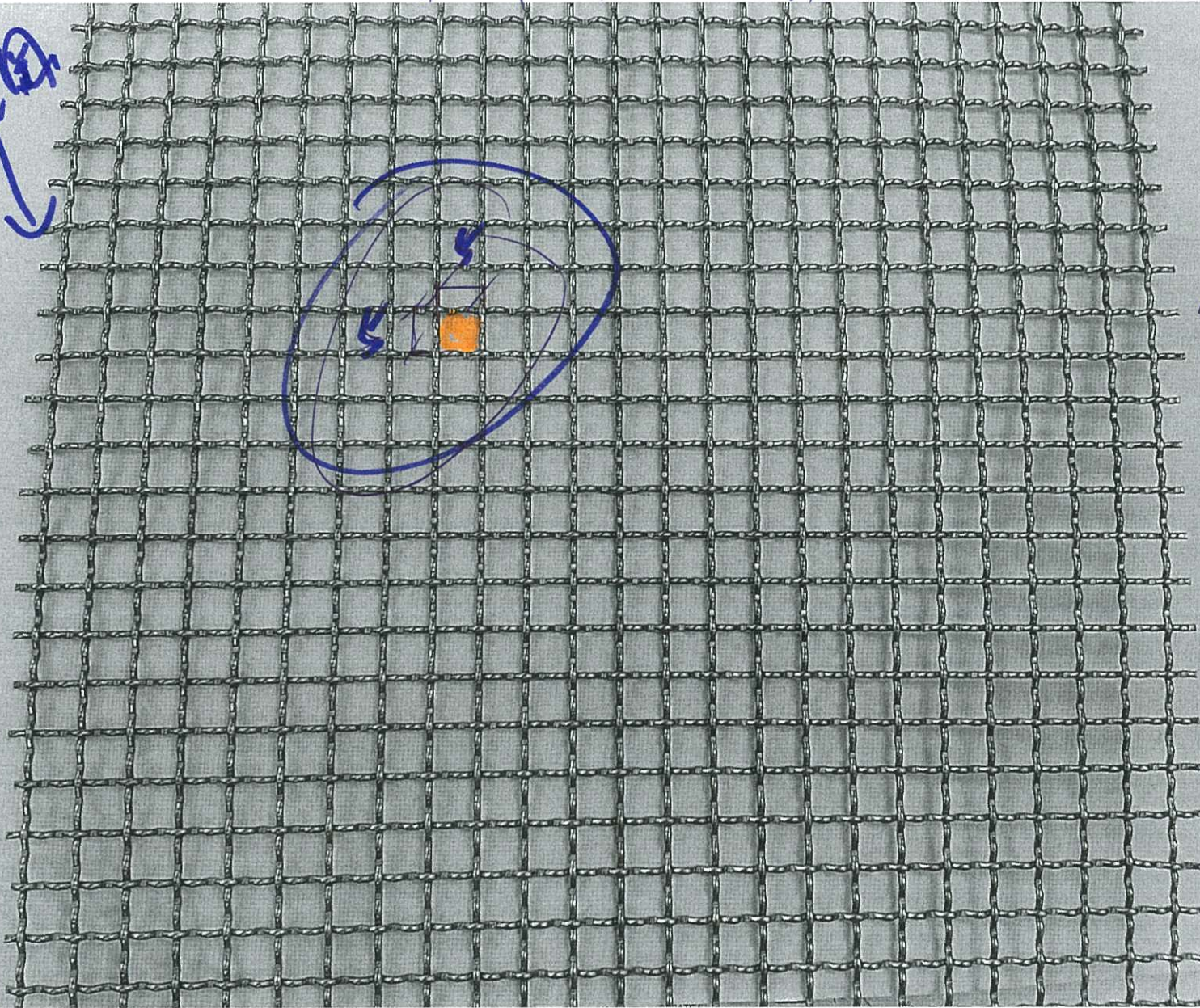
發件人簽署：

項目經理簽署：

頁 2377
HK. 1994

本工務局用之鋼絲網 (2.5x2.5)

鋼絲網
↓



鋼眼

5x5
鋼眼

大標百葉

可待定
百葉

- Material grades and thickness
- Blade and mullion support spacing

B. ARCHITECTURAL LOUVRES

- Architectural louvers/grilles are not required to be weather-proof, but the cavity between them and the structural slab is to be fully flashed and sealed with a stainless steel flashing.

C. PERFORMANCE LOUVRES (ACCEPTABLE PRODUCT TO BE ADVISED BY THE MEP)

- Continuous louver blades shall be locked and fastened to vertical support members, heads and sills shall have an integral sealant reveal. Provide base catch fan and flashings to shed all water.
- Performance requirements: (to be advised by MEP Consultant)
 - The louver performance shall be established by full-scale wind tunnel tests carried out on a louver measuring not less than 1,000mmx1,000mm. Testing and rating shall be performed to H.E.V.A.C. Technical Specification "Laboratory Testing and Rating of Weather Louvers when subjected to Simulated Rain" standard.
 - The louver blades shall be aerodynamically shaped to provide minimum restriction to airflow. The louvers shall have a discharge loss coefficient based on free area not less than 50% unless otherwise specified by Mechanical Engineer.
 - The pressure drop across louver under face velocity at 2.5m/s shall not be greater than 70Pa.
 - For wind driven rain: the louver system shall achieve an effectiveness ratio of 99% (Rating A according to HEVAC) at ventilation rate up to 1.0m³/s when subjected to a simulated rain of 75mm/h and a 13m/s wind directed at the face of the louver unless otherwise specified by Mechanical Engineer.

D. WIRE-MESH AND BLANK OFF PANEL

- Provide approved concealed 1.4401-grade stainless steel insect wire mesh to the interior of all external active louvers assemblies (architectural and performance louvers).
- Mesh shall be 1.6mm minimum thickness and 5x5mm openings or as specified by Architect.
- Provide blank off plates to all non-active louvers. Blank off plates should be aluminium solid panel with 3.0mm thickness and same finish as louvers, behind with thermal insulation.

E. INSTALLATION AND REMOVAL

- Louvers to plant rooms shall be designed to be removed and re-installed if required, for the removal or replacement of major plant items.

573 ANTI-CARBONATION COATING

- All concrete surfaces that are not protected by an air-sealed building envelope shall receive a protective anti-carbonation finish layer. These surfaces are typically behind stone cladding, aluminium rain-screen cladding and louvers. The facade contractor shall take full responsibility and liability for the waterproofing performance against penetration of water at any joint. Openings, cracks, holes and anchor locations.
- Cementitious waterproofing system shall be adopted and proposed, along with a compatible building weather sealant.
- Carbon Dioxide Diffusion resistance: the anti-carbonation coating shall have a minimum equivalent Air Layer thickness $R > 100m$.
- Moisture Vapour Diffusion resistance: the anti-carbonation coating shall have a maximum equivalent Air Layer thickness $S_D < 2m$.

Decorative Metal Gate

- Factory pre-assembly galvanised mild steel gate with shall be PVF2-3 coated and supported by stainless steel cast-in embed / post-drilled anchorage and cantilever GMS sub-frames.
- The proprietary stainless steel grade 316 hinge shall be equipped together with the locking system
- An laser cut / machined / water cut aluminium grille is integrated to the balustrade.

Metal Grille Wall

- An extruded aluminium gridded balustrade shall be PVF2-3 coated and supported by cantilever aluminium reinforced mullion and stainless steel Gr. 316 cast-in embed /post-drilled anchorage.
- The laser cut / machined / water cut (Extruded aluminium) architectural grille shall be PVF2-3 coated and supported on the framework of metal louvre.

Canopy Glass

- Metal end clamped with mechanical fixed laminated glass canopy with metal edge protection and minimum 2.0 mm thick stainless steel grade 316 rain water gutter.
- Glass built-up refers to "Appendix 'A' – Material Finishes Schedule".

Glass Wall with Swing Door

- Aluminium framed french door using insulated glass unit (IGU) with spacer in black colour and with clear substrate coated with sputtered vacuum deposition (soft coat) low-e coating on surface 2, equipped with proprietary hardware.
- Swing door system is integrated into Aluminium Window system, location refer to architectural drawings.
- The extruded aluminium elements shall be coated with PVF2-3 coated finish.
- Ironmongery for door hold open (90 degree), limiter and soft closing shall be included in the door system.
- An laser cut / machined / water cut aluminium grille is integrated to the balustrade.

Aluminium Louvre and Grille

- An extruded aluminium single-bank performance louvre shall be coated with PVF2-3 coated finish. Minimum 3.0mm thickness aluminium backpan with PVF2-3 coated finished and insulation shall be installed for inactive area. Stainless steel grade 316 vermin mesh with minimum 3.0mm thickness aluminium plenum box and metal collar shall be installed for connection at active area.
- An extruded aluminium gridded balustrade shall be PVF2-3 coated and supported by cantilever aluminium reinforced mullion and stainless steel Gr. 316 cast-in embed /post-drilled anchorage.

Glass Balustrade

- Top and bottom supported laminated heat soaked tempered glass protective barrier with metal handrail shall be employed. Top rail shall be supported by cantilever mullion with GMS reinforcement.
- Glass built-up refers to "Appendix 'A' – Material Finishes Schedule".
- All exposed aluminium surface shall be PVF2-3 coated finish.

窗的窗
窗網
也要不窗網
十個材料