

璟佳富科技有限公司



專業軟體研發
鋼筋檢料服務
教育訓練

鋼筋檢料



2014年5月15日@達欣工程

Cost



• 估算用量 ? • 實際用量 ?

從一個想法出發



R_CAD_鋼筋模型系統

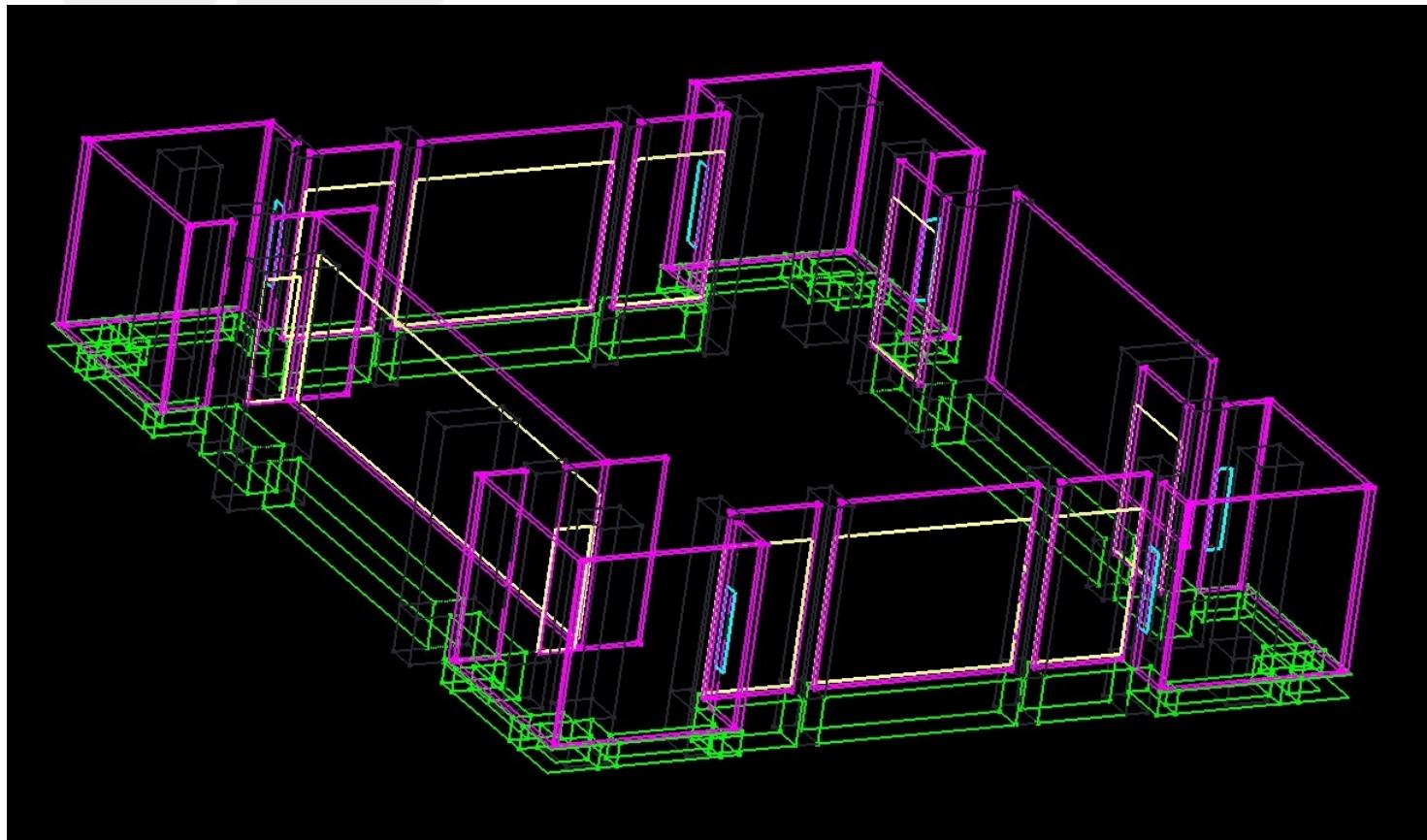
用**新**的技術
處理鋼筋



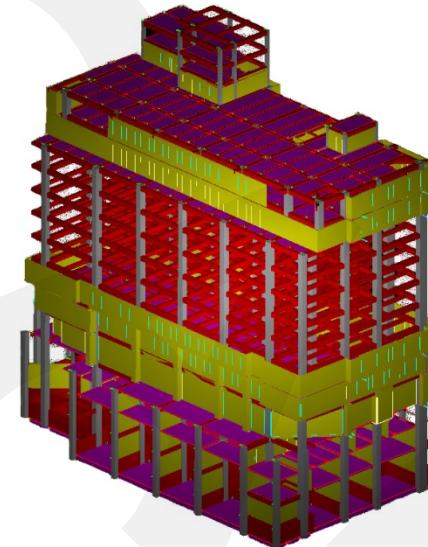
The image features a large, bold red 'BIM' logo with a white outline. Surrounding the logo is a dense cluster of words and concepts related to Building Information Modeling (BIM). These include:

- Information, project, integrated, concepts, systems, thermal, identifying, process.
- spent, lonely, building, Snook, BREEAM, Just, just, standards.
- Elrond, doesn't, using, collaborative, progression, event, government.
- AdaptCBE, time, design, aware, well, coordination, work, things.
- gave, asset, facility.
- Building, lifetime, wrong, models, Modeling, require.
- CAD, Burrell, UK, provides, future, electronic, experiences.
- data, documentation, communication, BS1192:2007, PassivHaus, objective, insights, digital, key, errors.
- projects, February, accurate, specifications, based, useful, part, shared.

1. 建構結構Model



先有模型再檢料

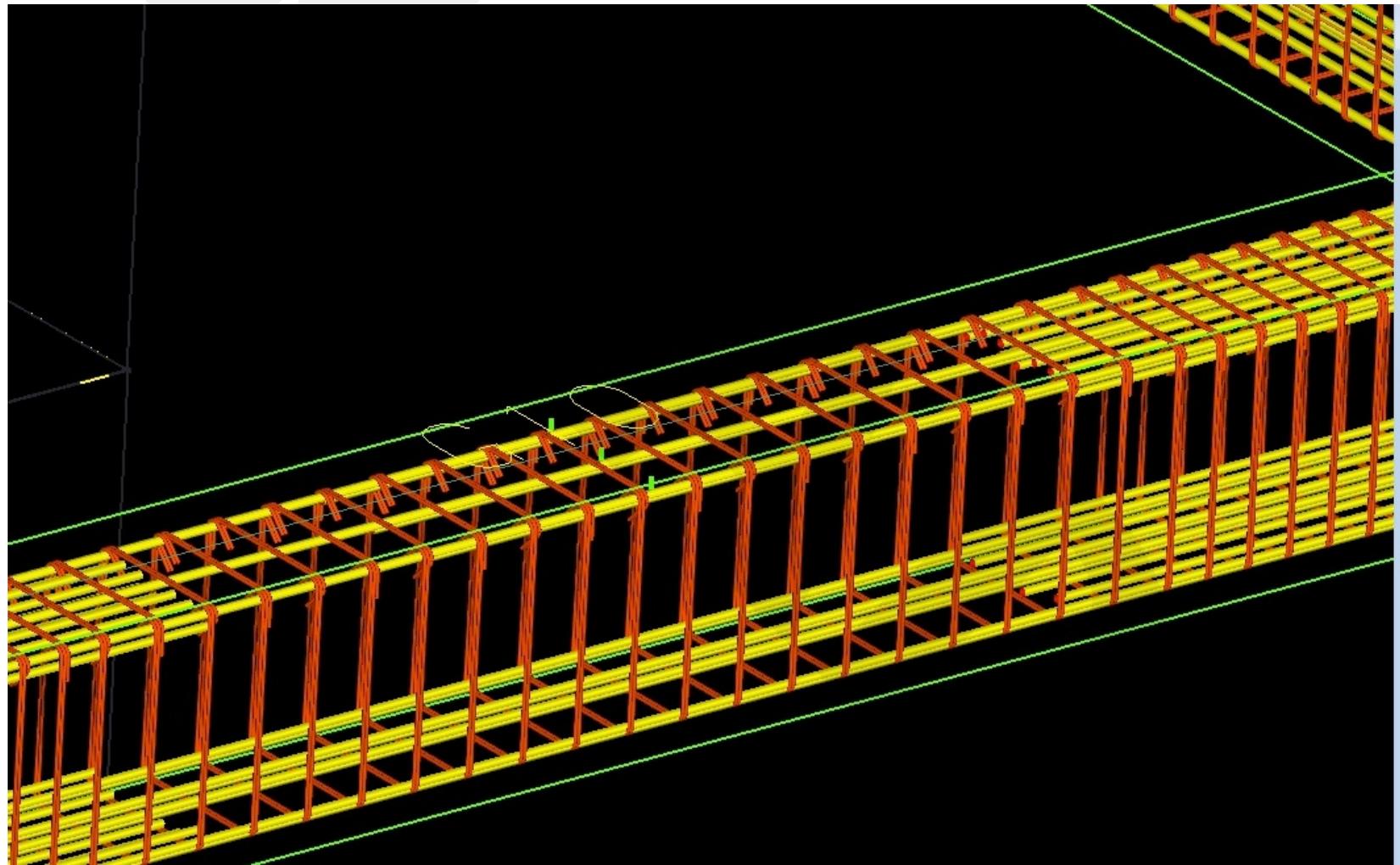


2. 圖面偵錯

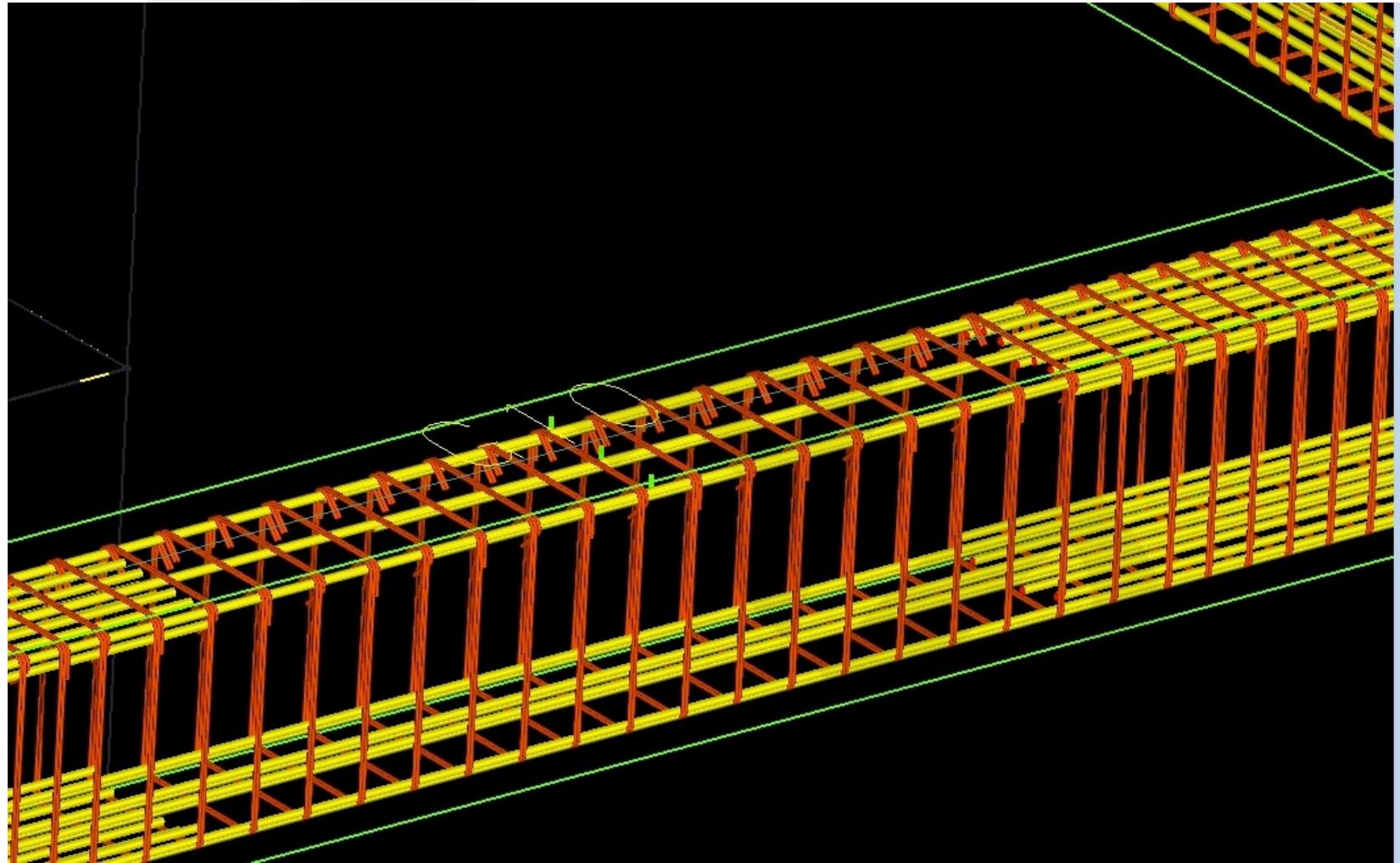
- 門窗尺寸
- 配筋圖與平面圖不符
- 牆厚 版厚.....



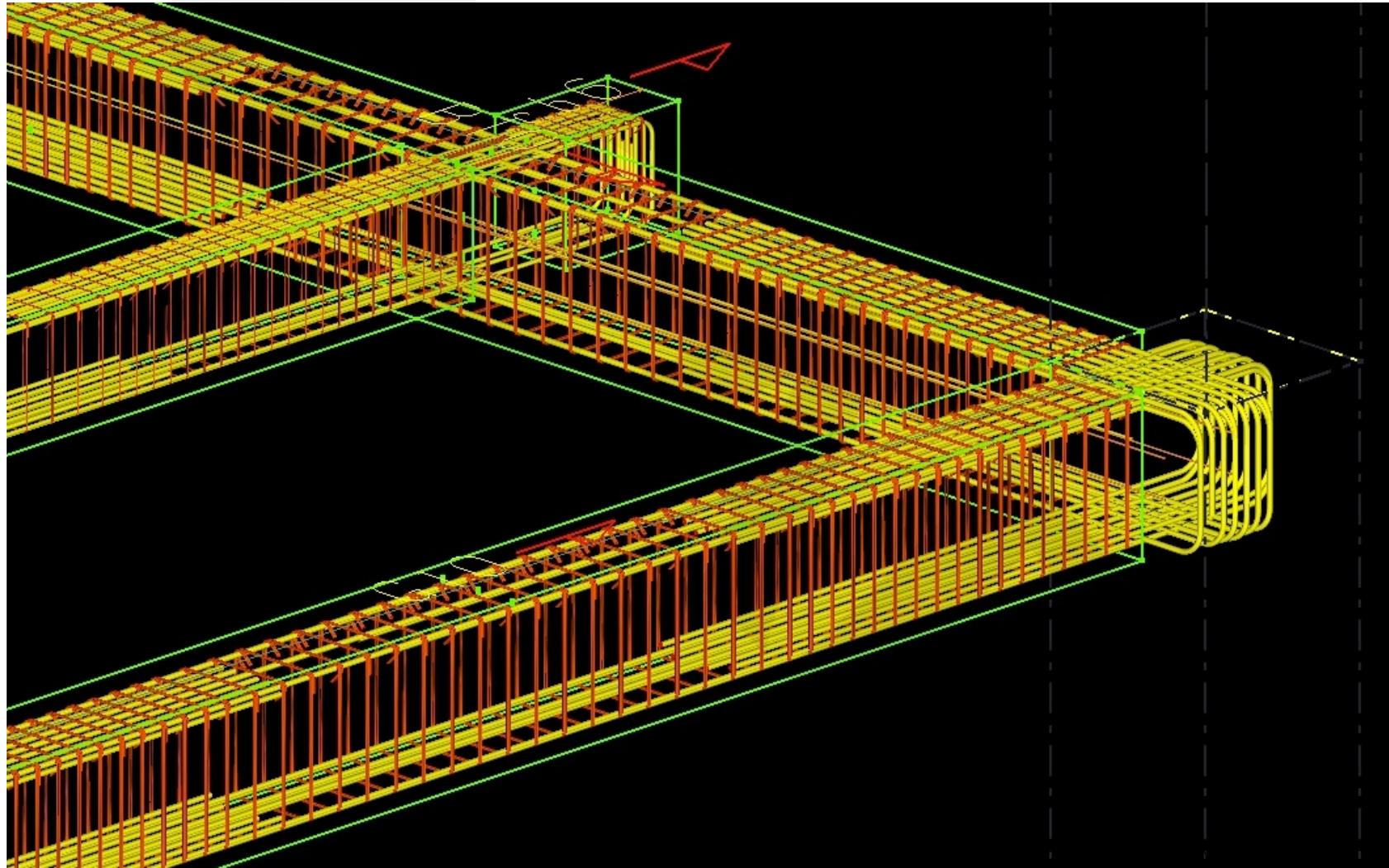
3. 在結構模型中配置鋼筋



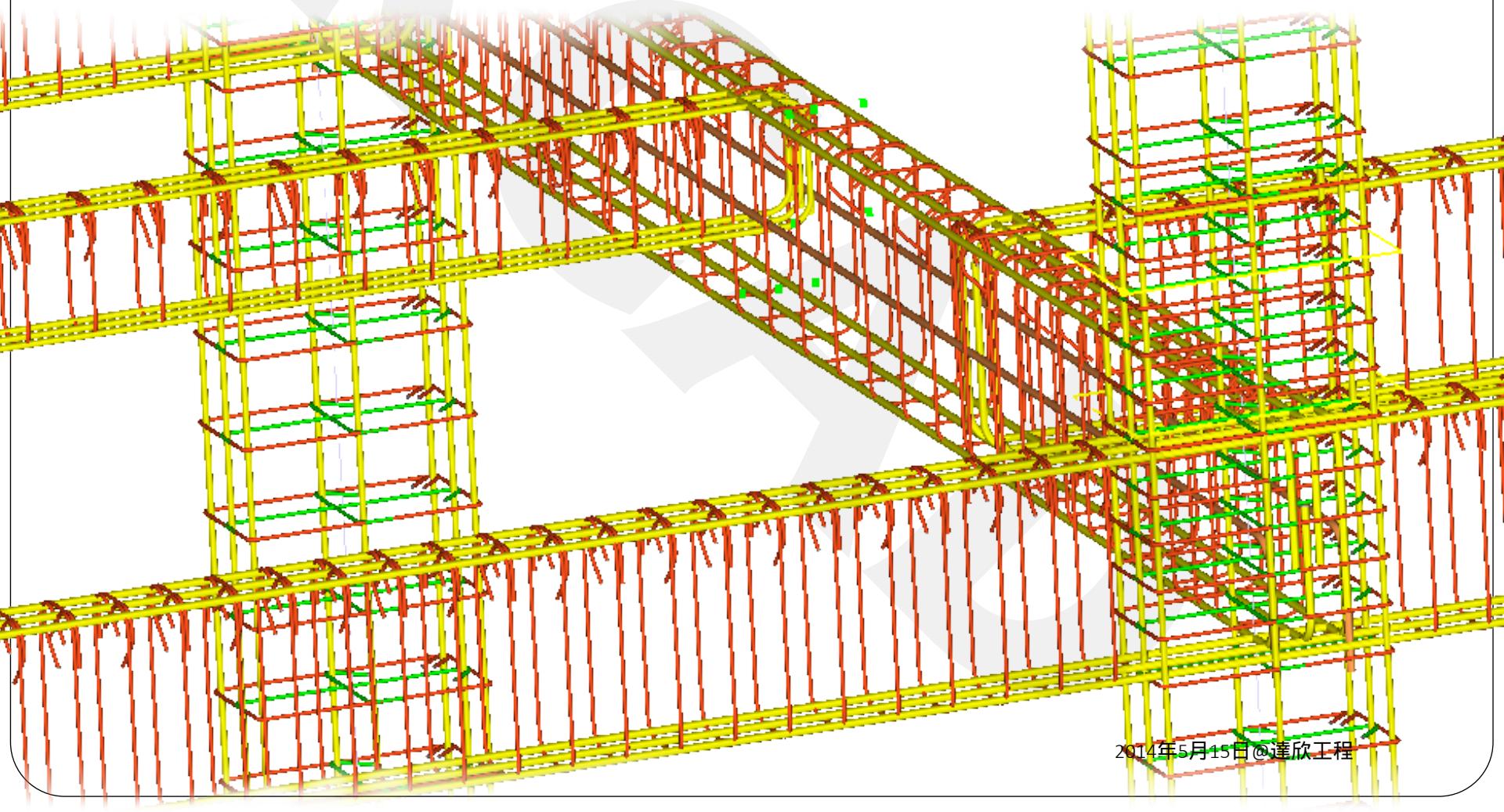
3. 每一個細節都算



锚定、弯勾、搭接、续接....



4. 從鋼筋模型產生施工圖與料單



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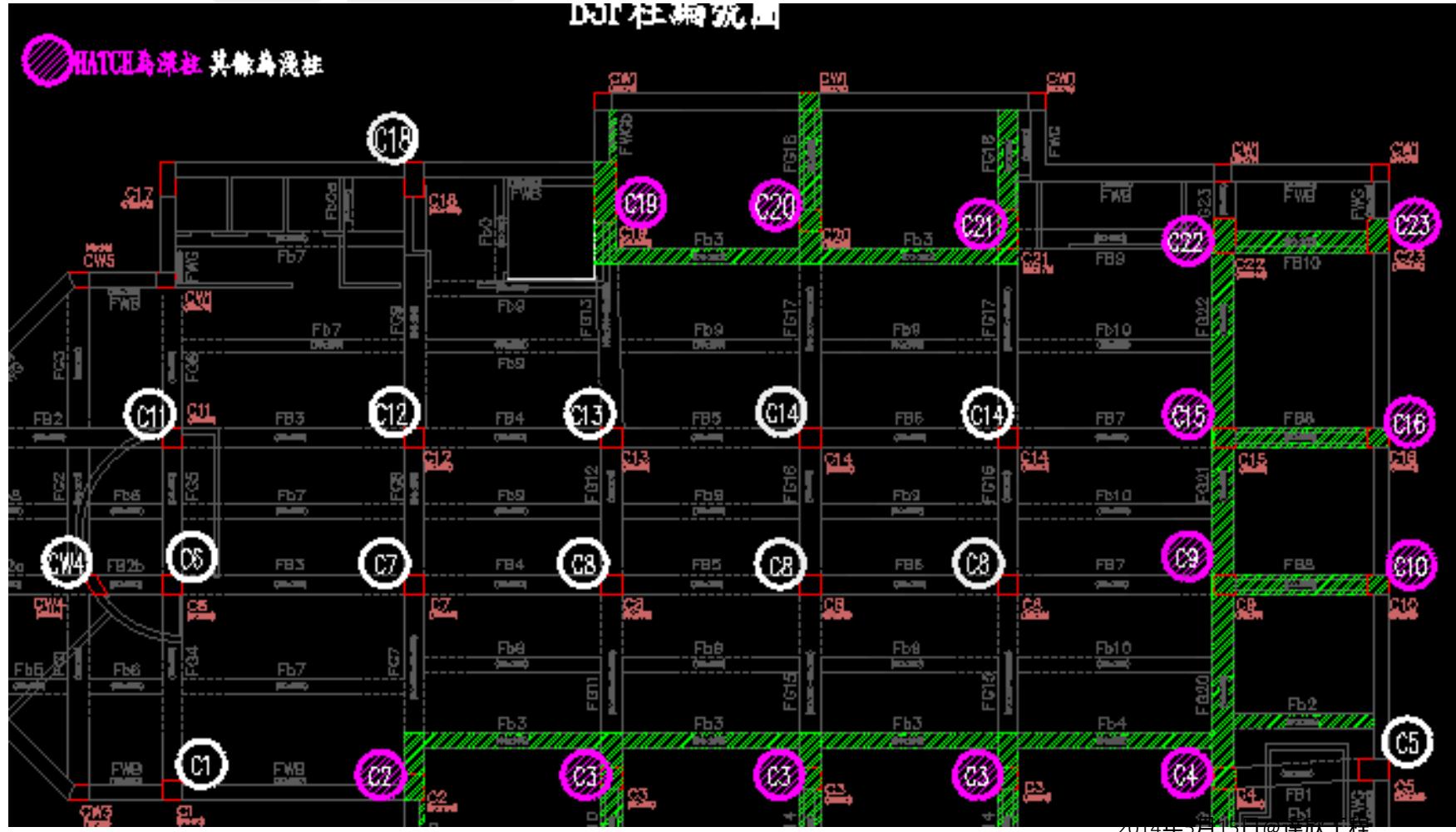
料單

| 編號 | 號數 | 圖示 | 長度(cm) | 數量 | 重量(kg) | 備註 |
|----|-----|-----------------------|--------|------|--------|------------|
| 1 | #10 | 55 265 10 | 320 | 167 | 3,415 | #4=6,714 |
| 2 | #10 | 55 295 10 | 350 | 323 | 7,224 | #10=14,378 |
| 3 | #10 | 55 325 10 | 380 | 154 | 3,739 | 合計=21,092 |
| 4 | #4 | 80 12 80 | 344 | 480 | 1,641 | |
| 5 | #4 | 135 12 80 | 454 | 30 | 135 | |
| 6 | #4 | 160 12 80 | 504 | 30 | 150 | |
| 7 | #4 | 12 80.5 18 | 100 | 3430 | 3,409 | |
| 8 | #4 | 12 135.5 18 | 155 | 104 | 160 | |
| 9 | #4 | 12 160.5 18 | 180 | 104 | 186 | |
| 10 | #4 | 15 80 | 110 | 78 | 85 | |
| 11 | #4 | 35 80 15 100 | 230 | 27 | 62 | |

柱編號圖

Delphi 框架设计

HATCH為深柱 其餘為淺柱



Real Case

圓山一號院

營運理念

Culture & Philosophy



自主研發

從產業需求發想

從第一行程式寫起....



創意

實用

整合



廣納建言

從不同的角度思考
使用者的需求才是成長的動能

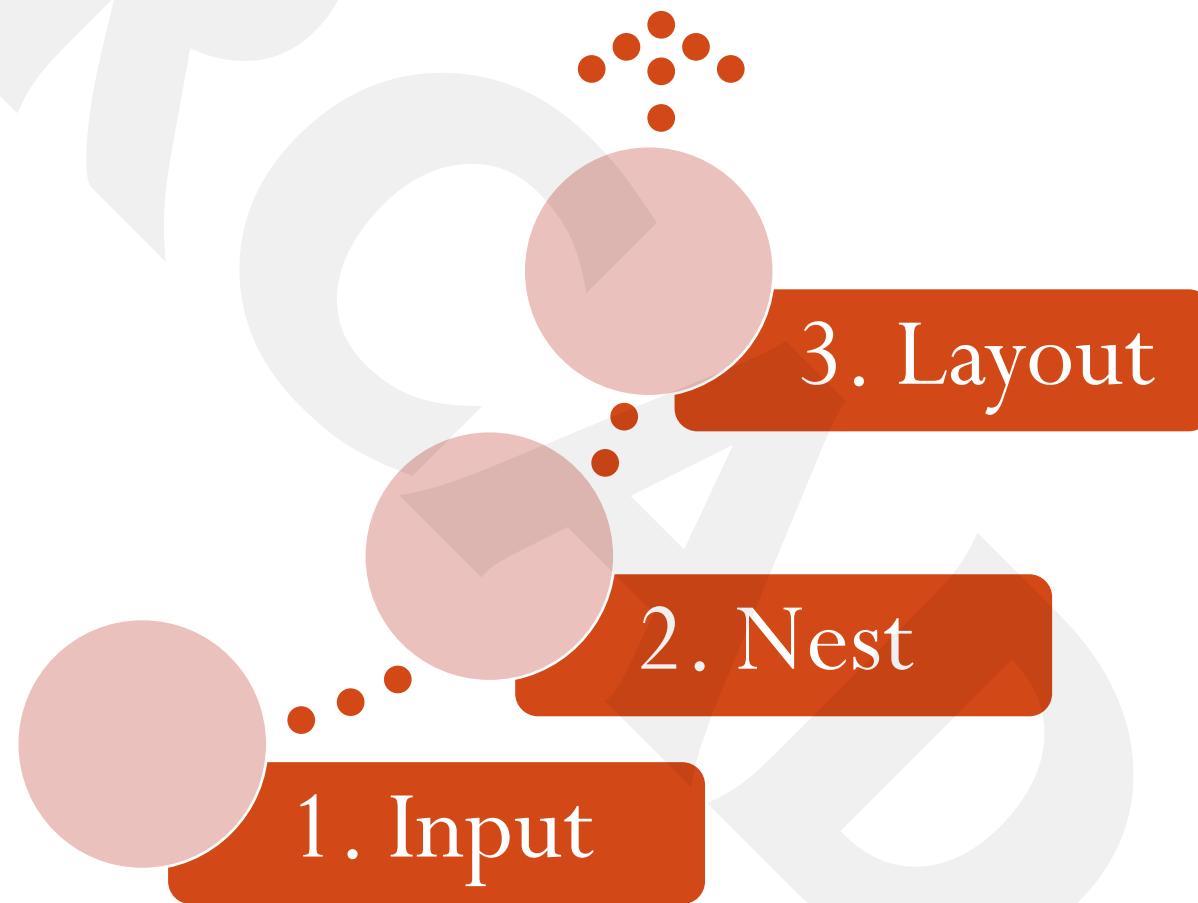


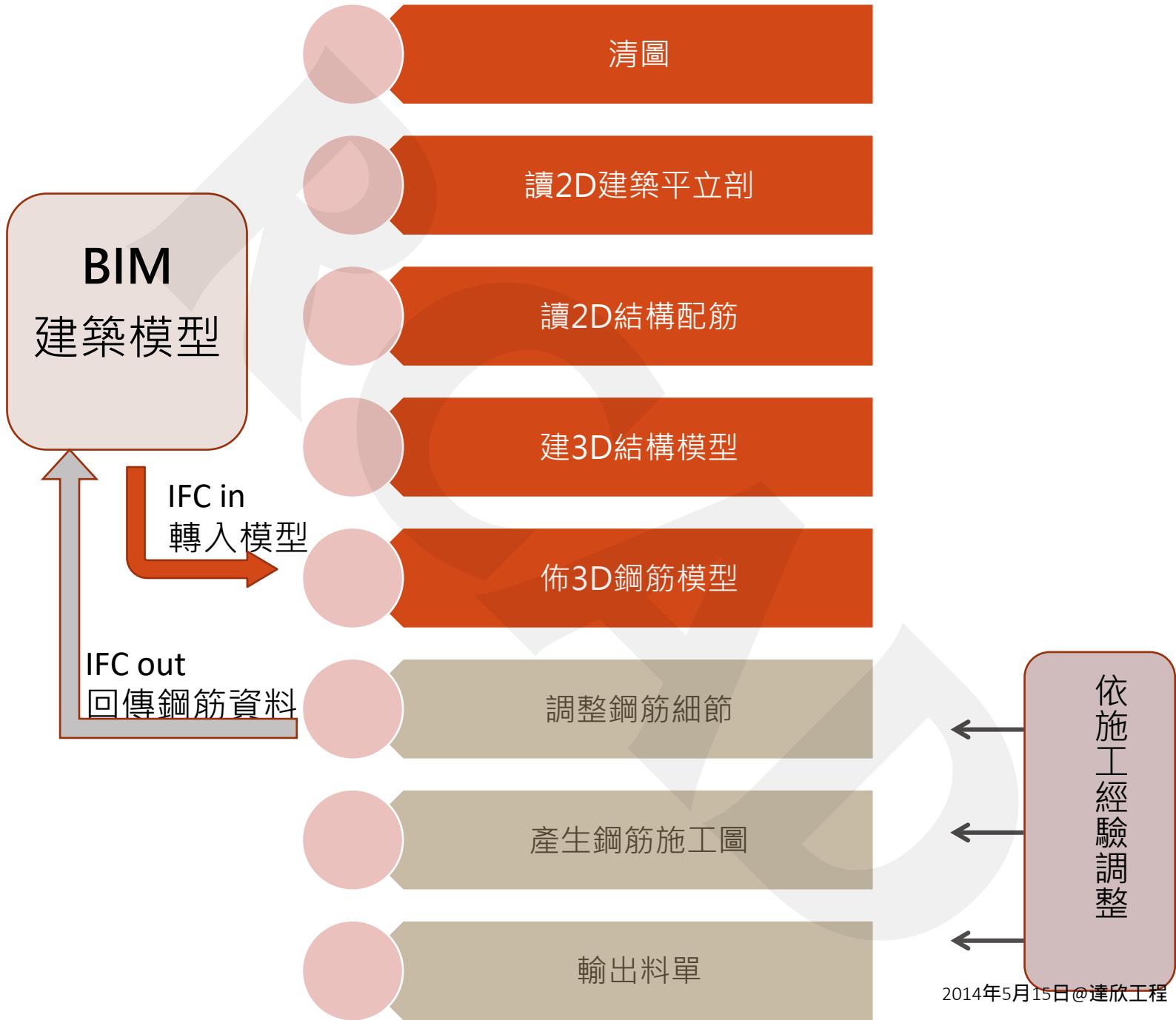
永續發展

程式研發 像一棵樹
向上延伸
向下紮根
開拓新視野



Working Procedure:





璟佳富營運模式



1. 提供軟體
2. 提供服務